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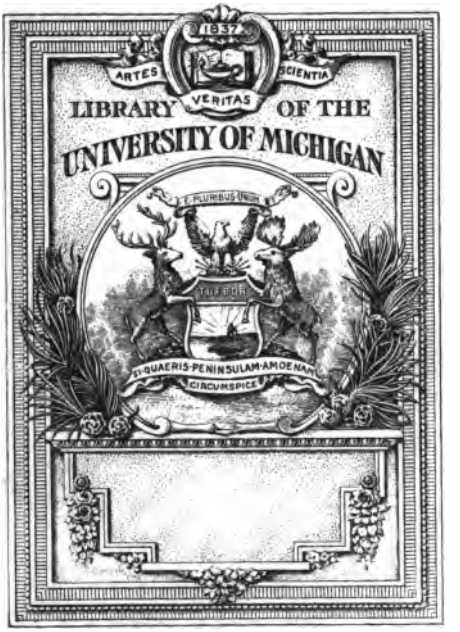
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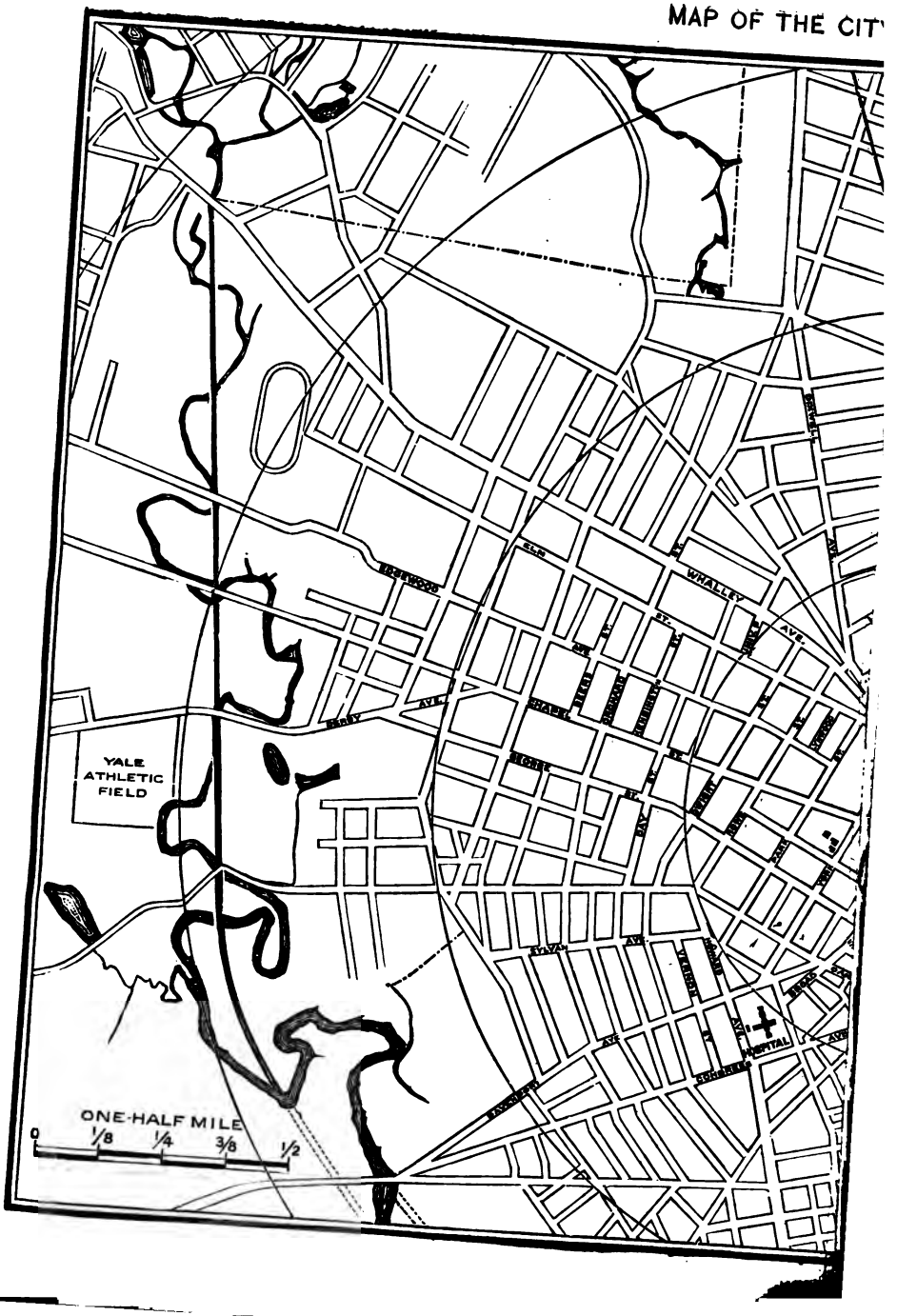

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OF

YALE UNIVERSITY

CXCVIII YEAR

1897–98

NEW HAVEN:
THE TUTTLE, MOREHOUSE & TAYLOR PRESS
1897

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ABBREVIATIONS, OFFICE HOURS, ETC.

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; O., Osborn Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

The College rooms numbered from 1 to 69 are in Vanderbilt Hall; from 70 to 96 in South Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam Hall; from 178 to 185 in the Lyceum; from 201 to 240 in Durfee Hall; from 241 to 282 in Lawrance Hall; from 283 to 330 in Welch Hall; from 331 to 382 in White Hall; from 383 to 422 in Berkeley Hall; from 521 to 600 in Pierson Hall.

The rooms in East Divinity Hall are numbered from 1 to 54; in West Divinity Hall from 55 to 124. The rooms in Sheffield Hall are numbered from 1 to 21; in North Sheffield Hall from 25 to 58; in the Sheffield Biological Laboratory from 60 to 79; in Winchester Hall, from 100 to 135; in the Sheffield Chemical Laboratory, from 140 to 162.

THE PRESIDENT is in his room, No. 7 Treasury Building, from 10.30 A. M. to 12 M., every week-day during term-time.

THE TREASURER'S OFFICE, No. 5 Treasury Building, is open daily, from 9 A. M. to 3 P. M. (from 10 A. M. to 1 P. M. during vacations).

THE SECRETARY'S office is in the Library, which is open daily, from 9 A. M. to 5 P. M.

THE DEAN OF THE COLLEGE is at his office, No. 135 Elm st., daily, from 10 A. M. to 12 M.

THE COLLEGE BURSAR'S office, in Phelps Hall, is open daily from 9 A. M. to 3 P. M.

THE DIRECTOR OF THE SHEFFIELD SCIENTIFIC SCHOOL is at No. 3 Sheffield Hall, daily, from 10 A. M. to 12 M.

THE DEAN OF THE MEDICAL SCHOOL is in his room, No. 25, 150 York st., from 10 A. M. to 12 M., daily.

For Catalogues and general information, address THE SECRETARY OF YALE UNIVERSITY, NEW HAVEN, CONNECTICUT.

The Catalogue is published in December, and is sold at forty cents a copy,—or fifty cents if postage is included. A copy of the special circular of any Department is furnished without charge.

A list of the Graduates of the University is published triennially,—the last edition in 1895; a copy will be supplied to any graduate desiring it, on receipt of the postage (ten cents); copies may be obtained by other persons at cost price, fifty cents, with postage.

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1897		
30 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Friday	School of the Fine Arts, term begins.
24 Nov.	Wednesday	THANKSGIVING RECESS begins, 1.20 P. M.
26 Nov.	Friday	RECESS ends, 8 A. M.
22 Dec.	Wednesday	FIRST TERM ends.
		Winter Vacation
1898		
11 Jan.	Tuesday	SECOND TERM begins.
31 March	Thursday	Junior Exhibition.
6 April	Wednesday	SPRING RECESS begins, 1.20 P. M.
14 April	Thursday	RECESS ends, 8 A. M.
2 May	Monday	John A. Porter Prize Essays due.
6 May	Friday	Berkeley Scholarship Examination.
16 May	Monday	Woolsey Scholarship Examination begins.
16 May	Monday	Winthrop Prize Examination.
18 May	Wednesday	Anniversary of the Divinity School.
31 May	Tuesday	School of the Fine Arts, term ends.
24 June	Friday	DeForest Prize Speaking.
25 June	Saturday	Scientific School Class-Day Exercises.
26 June	Sunday	Baccalaureate Sermon.
27 June	Monday	College Class-Day Exercises.
27 June	Monday	Anniversary of the Law School.
28 June	Tuesday	Anniversary Meeting of the Alumni.
28 June	Tuesday	Anniversary of the Medical School.
29 June	Wednesday	COMMENCEMENT.
30 June	Thursday	Examinations for admission begin.
		Summer Vacation
26 Sept.	Monday	Examinations for admission begin.
29 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Saturday	School of the Fine Arts, term begins.
6 Oct.	Thursday	First Term, Medical School, begins.
21 Dec.	Wednesday	FIRST TERM ends.

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Instructor in Mortgages and Equity Birmingham

HENRY FLEISCHNER, M.D.
Lecturer on Dermatology and Clinical Medicine 928 Grand av.

ROGER FOSTER, LL.B., M.A
Lecturer on Federal Jurisprudence New York City

FREDERICK WELLS WILLIAMS, B.A.
Instructor in Oriental History 135 Whitney av.

WILLIAM J. COMSTOCK, PH.B.
Instructor in Organic Chemistry 43 Trumbull st.

JAY W. SEAVER, M.A., M.D.
Associate Director of the Gymnasium (Gymnasium) 25 Lynwood st.

GUSTAV A. ANDREEN, B.A.
Instructor in German 399 Elm st.

HOWARD H. KNAPP, B.A., LL.B.
Lecturer on Connecticut Practice Bridgeport

WILLIAM G. ANDERSON, M.D.
Instructor in Gymnastics, and Associate Director of the Gymnasium (Gymnasium) 120 College st.

WILLIAM W. NICHOLS, M.E.
Instructor in Mechanical Engineering 203 Lawrence st.

LEONARD M. DAGGETT, B.A., LL.B.
Instructor in Testamentary Law (42 Church st.) 77 Grove st.

HERBERT D. CARRINGTON, PH.D.
Instructor in German 335 Orange st.

FRANK STRONG, PH.D.
Lecturer on United States History 499 Winthrop av.

EDWARD M. MCCABE, M.D.
Clinical Assistant in Ophthalmology 224 Orange st.

FREDERICK L. CHASE, PH.D.
Assistant Astronomer in the Observatory Observatory

ARTHUR N. ALLING, M.D.
Instructor in Ophthalmology 199 York st.

LOUIS B. BISHOP, M.D.
Assistant in the Medical Clinic 77 Whitney av.

CHARLES W. PIERSON, M.A.
Instructor in New York Practice New York City

LESLIE D. BISSELL, PH.D.
Instructor in Physics, and Assistant in the Sloane Laboratory (Sloane Lab'y.) 1010 Chapel st.

EDWIN H. LOCKWOOD, M.E.
Instructor in Machine Design and Descriptive Geometry 55 Prospect st.

CHARLES A. TUTTLE, M.D.
Lecturer on Orthopaedic Surgery 129 Whalley av.

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Instructor in Operative Surgery 294 Elm st.

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Lecturer on the History of Philosophy 90 High st.

Rev. HARLAN CREELMAN, PH.D.
Instructor in Biblical Literature 183 Lawrence st.

PHILIP P. WELLS, B.A.
Librarian of the Law School (32 Law School) 72 Mansfield st.

CHARLES D. PHELPS, M.D.
Assistant in Physical Diagnosis 472 Orange st.

WALTER I. LOWE, PH.D.
Instructor in History 238 Whalley av.

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Instructor in Civil Engineering and Drawing (127 WINCH.) 55 Dwight pl.

RALPH A. MCDONNELL, M.D.
Instructor in Clinical Dermatology and Materia Medica 312 Elm st.

WILLIAM C. MARSHALL, M.E.
Instructor in Drawing and Descriptive Geometry (110 WINCH.) 472 Orange st.

ROBERT E. PECK, M.D.
Assistant in the Medical Clinic 312 Elm st.

ALEXANDER W. EVANS, M.D.
Instructor in Botany (18 S. H.) 2 Hillhouse av.

ROBERT C. MORRIS, D.C.L.
Instructor in the French Codes New York City

HENRY L. WHEELER, PH.D.
Laboratory Instructor in Organic Chemistry 162 S. L.

LEONARD C. SANFORD, M.D.
Assistant Demonstrator of Anatomy 216 Crown st.

JAMES LOCKE, PH.D.
Instructor in Chemistry 317 Crown st.

WILLIAM M. KENNA, M.D.
Assistant in the Medical Clinic 129 Olive st.

GEORGE P. STARKWEATHER, M.E.
Instructor in Applied Mechanics 344 Cedar st.

HENRY A. BUMSTEAD, PH.D.
Instructor in Physics (118 WINCH.) 203 Lawrence st.

EDWARD S. MOULTON, M.D.
Assistant in Gynecology 252 York st.

ROBERT O. MOODY, M.D.
Assistant in Pathology 1204 Chapel st.

JAMES W. BROATCH, B.A.
Assistant in English 67 Grove st.

CHARLES S. INGHAM, PH.D.
Instructor in Latin 102 N.

PERCY T. WALDEN, PH.D.
Instructor in Analytical Chemistry 162 S. L.

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Demonstrator of Pharmacy — 9 High st.

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Assistant in Drawing — 57 Grove st.

WESLEY R. COE, PH.D.
Instructor in Comparative Anatomy (75 B. L.) 2 Hillhouse av.

D. ALBERT KREIDER, PH.D.
Instructor in Physics (Sloane Lab'y.) 505 Elm st.

BERTRAM B. BOLTWOOD, PH.D.
Instructor in Analytical Chemistry — 162 S. L.

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Instructor in French — 92 York sq.

FREDERIC C. BISHOP, M.D.
Assistant in the Throat and Ear and Medical Clinics — 1223 Chapel st.

WILLIAM A. GRANVILLE, PH.D.
Instructor in Mathematics (46 N. S. H.) 487 Orange st.

GEORGE H. LANGZETTEL,
Clerk and Librarian of the Art School, and Assistant in Drawing (Art School) 725 Whitney av.

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Instructor in Chemistry — 648 Elm st.

CHAUNCEY S. LAMB, M.D.
Assistant in the Surgical Clinic — 10 Park st.

HARRY B. JEPSON, B.A., MUS.B.
Instructor in Organ-Playing — 52 Howe st.

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Assistant in Obstetrics and Pediatrics — 743 State st.

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Assistant in Physiological Chemistry — 2 Hillhouse av.

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Assistant in the Medical Clinic — 215 Orange st.

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Assistant in the Psychological Laboratory — 119 Park st.

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Instructor in Violin-Playing 11 Park st.

ALBERT B. WHITE, B.A.
Assistant in History 105 Dwight st.

ERNST H. ARNOLD, M.D.
Clinical Assistant in Orthopaedic Surgery 46 York sq.

LYNDE P. WHEELER, PH.B.
Laboratory Assistant in Physics 2 Hillhouse av.

GERVASE GREEN, PH.D.
Assistant in Philosophy and Pedagogy 136 Sherman av.

FREDERICK N. SPERRY, M.D.
Assistant in the Throat and Ear Clinic 76 Wooster st.

WILLIAM F. VERDI, M.D.
Assistant in the Surgical Clinic 172 St. John st.

CHAUNCEY B. RICE, PH.B.
Laboratory Assistant in Physics 56 N. S. H.

WILLIAM B. BAILEY, PH.D.
Assistant in Political Economy 22 Lynwood st.

GEORGE K. OLMSTEAD, PH.B.
Assistant in Political Economy 26 Lynwood st.

HARRY W. FOOTE, PH.B.
Laboratory Assistant in Analytical Chemistry 162 S. L.

GEORGE A. MAY,
Instructor in Gymnastics Gymnasium

HARRY W. DUNNING, PH.D.
Instructor in Semitic Languages 76 W. D.

WILLARD G. VANNAME, B.A.
Assistant in the Biological Laboratory 121 High st.

CLAUDE F. WALKER, PH.D.
Assistant in Chemistry (Kent Laboratory) 1010 Chapel st.

CLEMENT G. CLARKE, B.A.
Instructor in Mathematics 219 York st.

BAYARD BARNES, PH.B.
Laboratory Assistant in Chemistry 1442 Chapel st.

HERBERT E. GREGORY, B.A.
Laboratory Assistant in Biology 55 N. S. H.

J. WALCOTT THOMPSON, B.A., LL.B.
Instructor of Quiz-Clubs (42 Church st.) 56 Grove st.

FRANKE S. HAVENS, B.A.
Laboratory Assistant in Chemistry (Kent Lab'y.) 427 Temple st.

LEMUEL R. HOPTON, PH.B.
Assistant in Mechanical Engineering 13 Lake pl.

HOLMES C. JACKSON, PH.B.
Laboratory Assistant in Biology 36 Elm st.

LOUIS CLEVELAND JONES, B.A.
Laboratory Assistant in Chemistry (Kent Lab'y.) 1010 Chapel st.

W. CONGER MORGAN, B.A.
Laboratory Assistant in Chemistry (Kent Lab'y.) 395 Temple st.

CHARLES H. WARREN, PH.B.
Laboratory Assistant in Mineralogy (2 M.) 48 N. S. H.

CHAUNCEY W. WELLS, B.A.
Instructor in Rhetoric (15 WH.) 355 Willow st.

CLIFFORD W. KELLOGG, M.D.
Assistant in Histology and Gynecology 144 Dwight st.

HERBERT E. HAWKES, B.A.
Instructor in Mathematics 4 University pl.

GEORGE L. BUNNELL, PH.B.
Laboratory Assistant in Zoology 63 W. D.

EDWARD D. COLLINS, B.A.,
Assistant in History 279 Crown st.

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Assistant in German 45 Lake pl.

JOHN M. GAINES, B.A.
Assistant in Political Economy 530 P.

PHILIP Z. HANKEY, LL.B.
Assistant Librarian of the Law School (32 Law School) 58 W. D.

ARTHUR W. EWELL, B.A.
Assistant in the Sloane Laboratory (Sloane Lab'y.) 101 W. D.

FREDERICK B. LUQUIENS, B.A.
Instructor in French 201 Bishop st.

DAVID E. MOULTON, LL.B.
Instructor of Quiz-Clubs 343 George st.

WILLIAM VALENTINE, PH.B.
Laboratory Assistant in Analytical Chemistry 162 S. L.

ARTHUR A. WILDER, LL.B.
Registrar of the Law School (11 Law School) 343 George st.

WALTER M. BRADLEY,
Laboratory Assistant in Analytical Chemistry 1346 Chapel st.

HUGH B. CHACE,
Assistant Librarian of the Law School (32 Law School) 59 Prospect st.

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NATHAN A. SMYTH, B.A., *Clark Fellow in the Academical Department* — 328 Temple st.

ALICE STERNE, M.A., *Graduate Scholar* — 37 College st.

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ALBERT B. WHITE, B.A., *Scott Hurtt Fellow in the Academical Department* — 105 Dwight st.

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GOVERNMENT OF THE UNIVERSITY

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN," or "YALE UNIVERSITY;" the powers of this body have been granted and confirmed in the following order.

THE COLLEGIATE SCHOOL OF CONNECTICUT, subsequently named YALE COLLEGE, and now called YALE UNIVERSITY, was founded by the combined action of a few of the ministers in Connecticut, who obtained in October, 1701, a Charter from the Colony Legislature, which runs as follows:—

AN ACT FOR LIBERTY TO ERECT A COLLEGIATE SCHOOL.

WHEREAS several well disposed, and Publick spirited Persons of their sincere regard to & Zeal for upholding & Propagating of the Christian Protestant Religion by a succession of Learned & Orthodox men have expressed by Petition their earnest desires that full Liberty and Priveledge be granted unto certain Undertakers for the founding, suitably endowing & ordering a Collegiate School within his Majtie⁸ Colony of Connecticot wherin Youth may be instructed in the Arts & Sciences who thorough the blessing of Almighty God may be fitted for Publick employment both in Church & Civil State. To the intent therefore that all due incouragement be Given to such Pious Resolutions and that so necessary & Religious an undertakeing may be sett forward, supported and well managed:—

BE IT ENACTED by the Governr & Company of the sd Colony of Connecticot in General Court now Assembled, And it is enacted & ordained by the Authority of the same that there be & hereby is full Liberty, Right and Priveledge Granted unto the Reverend Mr. James Noyes of Stonnington, Mr. Israel Chauncey of Stratford, Mr. Thomas Buckingham of Saybrook, Mr. Abraham Pierson of Kennelworth, Mr. Samuel Mather of Windsor, Mr. Samuel Andrew of Milford, Mr. Timothy Woodbridge of Hartford, Mr. James Pierpont of New Haven, Mr. Noadiah Russel of Middletown, Mr. Joseph Webb of Fairfield, being Revrd Ministers of the Gospel & inhabitants within ye sd Colony,

proposed to stand as Trustees, Partners or Undertakers for the s^d^ School, to them and their successors, To Erect, form, direct, order, establish, improve and att all times in all suitable wayes for the future to encourage the s^d^ School in such convenient place or Places, & in such form & manner & under such orders & Rules as to them shall seem meet & most conducive to the afores^d^ end thereof, so as such Rules or Orders be not repugnant to the Laws of the Civil Goverm^t^, as also to employ the moneys or any other estate which shall be Granted by this Court or otherwise Contributed to that use according to their discretion for the benefit of the s^d^ Collegiate School from time to time & att all times henceforward.

And be it further Enacted by the Authority afores^d^ that the before named Trustees, Partners or Undertakers together with such others as they shall associate to themselves (not exceeding the number of Eleven, or att any time being less than Seven. Provided also that Persons nominated or associated from time to time to fill up s^d^ number be ministers of the gospel inhabiting within this Colony & above the Age of forty years) or the major Part of them, the s^d^ M^r^. James Noyes, [etc.] undertakers, & of such Persons so chosen & associated as above s^d^ att any time hereafter, Have and shall have henceforward the oversight, full & compleat Right, Liberty, power & Priveledge to furnish, direct, manage, order, improve & encourage from time to time & in all times hereafter the s^d^ Collegiate School so Erected & formed by them in such ways, orders & manner & by such Persons, Rector or Master and officers appointed by them, as shall according to their best discretion be most conducible to attaine the afores^d^ mentioned end thereof. . . . . .

It is also further Enacted by the Authority afores^d^ that the s^d^ Undertakers & Partners & their successors be & hereby are further empowered to have, accept, acquire, purchase or otherwise lawfully enter upon Any Lands, Tenements & Hereditam^ts^ to the use of the s^d^ School, not exceeding the value of five hundred Pounds p^r^ Ann̄, & any Goods, Chattels, Sum or Sums of money whatsoever as have heretofore already been Granted, bestowed, bequeathed or given, or as from time to time shall be freely given, bequeathed, devised or settled by any Person or Persons whatsoever upon & to & for the use of y^e^ s^d^ School towards the founding, erecting or endowing the same, & to sue for, Recover & receiv all such Gifts, Legacies, bequests, annuities, Rents, issues & profits arising therefrom & to imploy the same accordingly, & out of y^e^ estate, Revenues, Rents, profits, incoms accrueing & belonging to s^d^ School to support & pay as the s^d^ Undertakers shall agree & see cause, the s^d^ Rector or Master, Tutors, Ushers or other officers their Respective annual Salaries or Allowances. As also for the encouragem^t^ of the Students to grant degrees or Licences as they or those deputed by them shall see cause to order & appoint.

Under this Charter the Collegiate School was begun in November, 1701, at Saybrook, where it continued until its removal to New Haven, in October, 1716. In September, 1718, the name of YALE COLLEGE was given by the Trustees to the School, in honor of the benefactions of ELIHU YALE, of London, lately Governor of the East India Company's settlement at Madras.

In 1723 an "ACT IN EXPLANATION OF AND ADDITION TO THE ACT FOR ERECTING A COLLEGIATE SCHOOL" was passed by the General Assembly, with the following provisions :—

WHEREAS Pursuant to the Powers and Priviledges granted to Certain Trustees for Erecting a Collegiate School in this Colony Entituled an Act for a Collegiate School, the Said Trustees have Erected the said School in the Town of New-Haven which School is now known by the Name of Yale Colledge; And Whereas it appears to this Assembly that an Explanation and Enlargement of the powers and priviledges granted by Said Act is Necessary for the Carrying on the Affairs of the Said Colledge, for want of which it has Laboured under great difficulties very much to the prevention of that Order and good Education which is to be desired there:

Bee it therefore Enacted by the Governour, Council and Representatives in Generall Court assembled and by the Authority of the Same that the Said Act which provides that the Number of the Said Trustees be not under Seven nor above Eleven is not to be Understood or Taken so as to be restrictive of the power of the Said Trustees Never to Choose any person to be a Trustee, when there is of Such persons as have been Chosen and Acted as Trustees Eleven persons Living in the Colony or Elsewhere, but that in Case any person so Chosen be by Providence Incapacitated from attending that Service or shall himself decline the Same thro' the Necessity of his own Affairs or for any other such Reason as he shall Judge requisite, the Trustees in any of their Meetings Lawfully Called may be Understood to have and it is hereby Enacted and declared that they shall be Taken to have full power by the Majority of Such Meeting to proceed to the Choice of Another Trustee in the Room of any such person. And it is hereby further declared and Enacted to be the True Intent and Meaning of the Act afores[d] that the said Trustees shall be Impowered and they are hereby declared to have power to Meet Together for Considering, Advising about and Resolving upon all Matters belonging to the Trust of the Said Colledge committed unto them as afores[d] and to Agree and Conclude, Order and determine Concerning them by the Majority of the

Said Meeting, and by the same Majority to Choose and Appoint a Clerk who shall, in a fair book prepared for that End, Register and Carefully preserve the Acts of all such Meetings.

And WHEREAS it has been doubted what Number of the Said Trustees may be Lookt upon as a Sufficient or full Meeting, Inasmuch as there is not in the afores[d] Act any Express mention made of any Meeting of the said Trustees; It is therefore to prevent all Scruple of that kind for the future hereby provided and declared that due Notice being given to the Trustees by Consent of any three of them of a Meeting of the Trustees desired at any Time or place, and Seven or more of the Trustees present at such Time and place shall be Esteemed a full Meeting. And it is hereby declared and Enacted that in all such Meetings, so Called, or Otherwise as the said Trustees in any such Meeting shall agree, all affairs under the Care of the said Trustees shall be determined by the majority of such meeting.

And WHEREAS it has been found Inconvenient that in the Election of Persons to be Trustees, the Trustees Election by the afores[d] Act should by Limitted and restrained so as that the Person who shall be Chosen must Necessarily be fourty Years of age; It is hereby declared and Enacted that for the future the said Trustees in any Election of a person into that Trust shall not be Esteemed or held Obliged by said Act to Choose such a person as shall be above fourty Years of Age, but may Choose such a person otherwise Qualifyed According to said Act, Provided he is thirty Years of Age. And it is further hereby Allowed, Enacted, Granted and Provided that whosoever shall be Chosen and made a Rector of the said Colledge shall by Virtue thereof become a Trustee of the same and be so Esteemed and Taken during his Continuance in the said Rectorship.

In 1745 a thoroughly revised Charter was granted by the Assembly; the provisions of permanent interest are as follows:—

An ACT *for the more full and complete Establishment of* YALE COLLEGE *in* NEW HAVEN, *and for enlarging the Powers and Privileges thereof.*

WHEREAS upon the Petition of several well-disposed and public-spirited Persons expressing their desire that full Liberty and Privilege might be granted unto Certain Undertakers for the founding, suitably endowing and ordering a *Collegiate School*, within this Colony, wherein Youth might be instructed in the Arts and Sciences, the Governor and Company of the said Colony in General Court assembled at *New Haven*, on the Ninth Day of October, in the Year of our Lord 1701, Granted unto the Rev'd Messrs. *James Noyes* [etc.], who were

proposed to stand as Trustees, Partners, or Undertakers for the Society, and to their Successors, full Liberty, Right and Privilege to erect, form, direct, order, establish, improve, and at all Times in all suitable Ways to encourage the said School in some convenient Place in this Colony, and granted sundry Powers and Privileges for the attaining the End aforesaid;

And Whereas the said Trustees, Partners or Undertakers in pursuance of the aforesaid Grant, Liberty and License, founded a *Collegiate School* at *New Haven*, known by the Name of YALE COLLEGE, which has received the favorable Benefactions of many Liberal and piously disposed Persons, and under the Blessing of Almighty God has trained up many worthy Persons for the Service of God in the State as well as in the Church;

And Whereas the General Court of this Colony assembled at *New Haven*, the Tenth day of October, in the Year of our Lord 1723, did explain and enlarge the aforesaid Powers and Privileges granted to the aforesaid Partners, Trustees or Undertakers and their Successors, for the Purpose aforesaid; as by the respective Acts, reference thereto being had, more fully and at large may appear;

And Whereas the Rev'd Messrs. *Thomas Clap*, *Samuel Whitman*, *Jared Eliot*, *Ebenezer Williams*, *Jonathan Marsh*, *Samuel Cooke*, *Samuel Whittelsey*, *Joseph Noyes*, *Anthony Stoddard*, *Benjamin Lord*, and *Daniel Wadsworth*, the present Trustees, Partners and Undertakers of the said School, and Successors of those beforementioned, have petitioned, that the said School, with all the Rights, Powers, Privileges and Interests thereof, may be confirmed, and that such other additional Powers and Privileges may be granted as shall be necessary for the Ordering and Managing the said School, in the most advantageous and beneficial Manner for the promoting all good Literature in the present and succeeding Generations:

Therefore,

THE GOVERNOR and COMPANY of his Majesty's said English Colony of *Connecticut* in General Court assembled, this Ninth Day of *May*, in the Year of our Lord 1745, enact, ordain, and declare, and by these Presents it is enacted, ordained, and declared—

That the said *Thomas Clap* [etc.], shall be an *Incorporate Society* or *Body Corporate and Politic*, and shall hereafter be called and known by the name of THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN, and that by the same Name they and their Successors shall and may have perpetual Succession, and shall and may be Persons in the Law capable to plead and be impleaded, defend and be defended, and answer and be answered unto; and also to have, take, possess, acquire, purchase, or otherwise receive Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates, and the same Lands, Tenements,

Hereditaments, Goods, Chattels, or other Estates to grant, demise, lease, use, manage or improve for the Good and benefit of the said *College*, according to the Tenor of the Donation, and their Discretion.

That all Gifts, Grants, Bequests, and Donations of Lands, Tenements, or Hereditaments, of Goods and Chattels heretofore made to or for the Use, Benefit and Advantage of the *Collegiate School* aforesaid, whether the same be expressed to be made to the President or Rector, and to the rest of the Incorporate Society of *Yale College*, or to the Trustees or Undertakers of the *Collegiate School* in *New Haven*, or to the Trustees by any other Name, Style or Title whatsoever, whereby it may be clearly known and understood that the true Intent and Design of such Gifts, Grants, Bequests and Donations, was to or for the Use, Benefit and Advantage of the Collegiate School aforesaid, and to be under the Care and Disposal of the Governors thereof, shall be confirmed, and the same hereby are confirmed, and shall be and remain to, and be vested in the President and Fellows of the *College* aforesaid, and their Successors, as to the true and lawful Successors of the original Grantees.

That the said PRESIDENT AND FELLOWS and their Successors shall and may hereafter have a common Seal, to serve and use for all Causes, Matters and Affairs of them and their Successors, and the same Seal to alter, break, and make new as they shall think fit.

That the said THOMAS CLAP shall be, and he is hereby established the present PRESIDENT, and the said *Samuel Whitman* [etc.], shall be, and they are hereby established the present FELLOWS of the said College, and that they and their Successors shall continue in their respective Places during Life, or until they or either of them shall resign, or be removed, or displaced, as in this Act is hereafter expressed.

That there shall be a General Meeting of the *President and Fellows* of said *College*, in the College Library on the second Wednesday of September annually, or at any other Time and Place which they shall see Cause to appoint, to consult, advise and act in and about the Affairs and Business of the said College; and that on any special Emergency, the President and two of the Fellows, or any four of the Fellows, may appoint a Meeting of the said College, provided they give Notice thereof to the Rest by Letters sent and Left with them, or at the Places of their respective Abode, five Days before such Meeting; and that the President and six Fellows, or in Case of the Death, Absence, or Incapacity of the President, seven Fellows, convened as aforesaid (in which Case the eldest Fellow shall preside), shall be deemed a Meeting of the President and Fellows of said College, and that in all the said Meetings, the Major Vote of the Members present shall be deemed the Act of the Whole, and where an Equivote happens, the President shall have a casting Vote.

That the President and Fellows of the said College and their Suc-

cessors, in any of their Meetings assembled as aforesaid, shall and may from Time to Time, as Occasion shall require, elect and appoint a President or Fellow in the Room and Place of any President or Fellow who shall die, resign, or be removed from his office, Place or Trust (whom the said Governor and Company hereby declare, for any Misdemeanor, Unfaithfulness, Default or Incapacity, shall be removable by the President and Fellows of the said College; Six of them, at least, concurring in such Act); and shall have Power to appoint a Scribe or Register, a Treasurer, Tutors, Professors, Steward, and all such other Officers and Servants, usually appointed in Colleges or Universities, as they shall find necessary and think fit to appoint for the promoting good Literature, and the well ordering and managing the Affairs of said College; and them or any of them, at their Discretion, to remove; and to prescribe and administer such Forms of Oaths (not being contrary to the Laws of England or of this Colony) as they shall think proper, to be administered to all the Officers and Instructors of the said College, or to such and so many of them as they shall think proper, for the faithful Execution of their respective Places, Offices and Trusts.

That the President and Fellows shall have the Government, Care and Management of the said College and all the Matters and Affairs thereunto belonging, and shall have Power from Time to Time, as Occasion shall require, to make, ordain and establish all such wholesome and reasonable Laws, Rules and Ordinances, not repugnant to the Laws of England, nor the Laws of this Colony, as they shall think fit and proper for the Instruction and Education of the Students, and Ordering, Governing, Ruling and Managing the said College, and all Matters, Affairs, and Things thereunto belonging, and the same to Repeal and alter as they shall think fit; which shall be laid before this Assembly as often as required, and may also be repealed or disallowed by this Assembly when they shall think proper.

That the President of said College, with the Consent of the Fellows, shall have Power to give and confer all such Honors, Degrees or Licenses as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.

In 1792 a grant of money from the State of Connecticut was received, upon the condition that certain State officials should become members of the Board of Fellows, as below expressed:—

In case this grant shall be accepted, in manner as hereinafter provided, the Governor, Lieutenant Governor, and six senior assistants in the Council* of this State, for the time being, shall ever hereafter, by

* Changed in 1819 to the six senior senators.

virtue of their said offices, be trustees or fellows of said College ; and shall together with the present President and Fellows of said College, and their successors, constitute one corporation, by the name and style mentioned in the charter of said College ; and shall have and enjoy the same powers, privileges, and authority, in as full and ample a manner, as though they had been expressly named and included in said charter ; And that in case of vacancy, by the death, or resignation, or in any other way, of any of the present Fellows of said College, and their successors, every such vacancy shall forever hereafter be supplied by them, and their successors, by election, in the same manner as though this act had never passed.

In the State Constitution, adopted in 1818, the privileges conferred by the Charter were reaffirmed, as follows :—

ARTICLE VIII, SECT. I.

The charter of Yale College, as modified by agreement with the Corporation thereof, in pursuance of an Act of the General Assembly, passed in May, 1792, is hereby confirmed.

In 1872, at the request of the Corporation, an Act was passed by the General Assembly, providing (as follows) for the substitution of graduates in the place of the six senators among the Fellows :—

SECTION 1.—All graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, on the day next preceding the public commencement day of said College, in the year of our Lord 1872, cast their votes, under such regulations as the President and Fellows may prescribe, for six persons to be chosen from among such graduates ; and the six persons who shall be found to be elected by a plurality of the votes cast, shall be the Fellows of Yale College in the stead of the six senior senators of the State, and shall have all the rights, duties, and privileges as Fellows which are now by law conferred upon said senators. In case of an equality of votes between two or more candidates, the person who shall hold the said office of Fellow shall be designated by lot from among the persons receiving such equality of votes.

SECTION 2.—The Fellows thus elected shall enroll themselves by lot in six classes, one holding the office for six years, another for five years, another for four years, another for three years, another for two years, and

another for one year, eligible for re-election; and every year as a vacancy occurs, all graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, upon the day next preceding commencement day, in the manner heretofore prescribed, elect by a plurality of votes a person to fill the vacancy, and hold the office of Fellow for a period of six years, eligible for re-election; and so whenever a vacancy shall occur from death, resignation, or any other cause, such graduates may elect a person at the next commencement to fill the office of Fellow for the remainder of the term in which a vacancy has occurred. The official year of such Fellows shall end with the day next preceding each commencement day.

In March, 1887, an Act passed the General Assembly of the State, authorizing the use of the title "YALE UNIVERSITY" by the President and Fellows of Yale College, and providing that gifts to, contracts with, conveyances to or by, and other acts affecting said Corporation by either of the names specified shall be valid.

DEPARTMENTS OF INSTRUCTION

The courses of study offered in the University are comprehended in four Departments, under the control of the Corporation, each Department being also under the administration of a distinct Faculty of instruction. The Departments are as follows :—

THE DEPARTMENT OF PHILOSOPHY AND THE ARTS;

THE DEPARTMENT OF THEOLOGY;

THE DEPARTMENT OF MEDICINE;

THE DEPARTMENT OF LAW.

Under the first-named Department are included two separately organized sections in which instruction for undergraduates is provided, viz :—

THE ACADEMICAL DEPARTMENT, and

THE SHEFFIELD SCIENTIFIC SCHOOL;

also, THE SCHOOL OF THE FINE ARTS, and the DEPARTMENT OF MUSIC, each with a special organization; and The Courses for GRADUATE INSTRUCTION, under the combined Faculty of the Department.

It is to be understood that the courses of study above described are open to persons of the male sex only, except when both sexes are specifically included.

The LIBRARY, the PEABODY MUSEUM OF NATURAL HISTORY, and the OBSERVATORY are severally organized independently of the special Departments, and are designed to contribute, in their appropriate spheres, to the instruction and advancement of the whole institution.

ACADEMICAL DEPARTMENT
(YALE COLLEGE)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
HON. EDWARD J. PHELPS, LL.D., *Professor of Law*
ARTHUR M. WHEELER, LL.D., *Professor of History*
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*
TRACY PECK, M.A., *Professor of Latin*
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Moral Philosophy and Metaphysics*
CHARLES H. SMITH, LL.D., *Professor of American History*
JULES LUQUIENS, PH.D., *Professor of the Romance Languages*
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin, and Dean*
HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
FRANK A. GOOCH, PH.D., *Professor of Chemistry*
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*
WILLIAM BEEBE, B.A., *Assistant Professor of Mathematics and Astronomy*
ANDREW W. PHILLIPS, PH.D., *Professor of Mathematics*
GEORGE B. ADAMS, PH.D., *Professor of History*
EDWARD P. MORRIS, M.A., *Professor of Latin*
HENRY R. LANG, PH.D., *Professor of Romance Philology*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
ARTHUR H. PALMER, M.A., *Professor of German*

HORATIO M. REYNOLDS, M.A., *Professor of Greek*
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*
E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
ROBERT L. TAYLOR, B.A., *Instructor in French*
EDWARD G. BOURNE, PH.D., *Professor of History*
GUSTAV GRUENER, PH.D., *Professor of German*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
JAMES J. ROBINSON, PH.D., *Instructor in Latin*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Economy*
WARREN A. ADAMS, PH.D., *Instructor in German*
CHARLTON M. LEWIS, B.A., LL.B., *Instructor in English*
JACOB WESTLUND, B.A., *Instructor in Mathematics*
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*
IRVING FISHER, PH.D., *Assistant Professor of Political Science*
JAMES PIERPONT, PH.D., *Assistant Professor of Mathematics*
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*
CHARLES SEARS BALDWIN, PH.D., *Instructor in Rhetoric*
HERBERT A. SMITH, PH.D., *Instructor in English*
PHILIP E. BROWNING, PH.D., *Instructor in Chemistry*
OLIVER H. RICHARDSON, PH.D., *Assistant Professor of History*
CECIL K. BANCROFT, B.A., *Tutor in Latin*
CHARLES W. L. JOHNSON, PH.D., *Instructor in Greek*
JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*
ALFRED K. MERRITT, B.A., *Registrar*
ARTHUR L. WHEELER, PH.D., *Tutor in Latin*
WENDELL M. STRONG, M.A., *Tutor in Mathematics*
THEODORE WOOLSEY HEERMANCE, B.A., *Tutor in Greek*
RICHARD T. HOLBROOK, B.A., *Tutor in the Romance Languages*
EDWARD B. REED, PH.D., *Tutor in English*

OTHER INSTRUCTORS

WILLIAM G. ANDERSON, M.D., *Instructor in Gymnastics*
GUSTAV A. ANDREEN, B.A., *Instructor in German*
MARK BAILEY, M.A., *Instructor in Elocution*
WILLIAM B. BAILEY, PH.D., *Assistant in Political Economy*

LESLIE D. BISSELL, PH.D., *Instructor in Physics*
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*
JAMES W. BROATCH, B.A., *Assistant in English*
EDWARD G. BUCKLAND, M.A., LL.B., *Assistant Professor of Evidence*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
CLEMENT G. CLARKE, B.A., *Instructor in Mathematics*
EDWARD D. COLLINS, B.A., *Assistant in History*
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*
REV. HENRY DAVIES, PH.D., *Lecturer on the History of Philosophy*
HARRY W. DUNNING, B.A., *Instructor in Semitic Languages*
ALEXANDER W. EVANS, M.D., *Instructor in Botany*
ARTHUR W. EWELL, B.A., *Assistant in the Sloane Laboratory*
REV. ARTHUR FAIRBANKS, PH.D., *Instructor in Comparative Religion*
HARRY B. FERRIS, M.D., *Professor of Anatomy*
JOHN M. GAINES, B.A., *Assistant in Political Economy*
EDSON F. GALLAUDET, PH.D., *Instructor in Physics*
GERVASE GREEN, PH.D., *Instructor in Philosophy*
HERBERT E. GREGORY, B A., *Laboratory Assistant in Biology*
FRANKE S. HAVENS, B.A., *Laboratory Assistant in Chemistry*
HERBERT E. HAWKES, B.A., *Instructor in Mathematics*
EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*
REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*
CHARLES S. INGHAM, PH.D., *Instructor in Latin*
HARRY B. JEPSON, B.A., MUS.B., *Instructor in Organ-Playing*
LOUIS CLEVELAND JONES, B.A., *Laboratory Assistant in Chemistry*
D. ALBERT KREIDER, PH.D., *Instructor in Physics*
WILLIAM C. MARSHALL, M.E., *Instructor in Descriptive Geometry*
LAFAYETTE B. MENDEL, PH.D., *Assistant Professor of Physiological Chemistry*
W. CONGER MORGAN, B.A., *Laboratory Assistant in Chemistry*
LIEUT. ARTHUR MURRAY, U. S. A., *Professor of Military Science and Tactics*
JOHN H. NIEMEYER, M.A., *Professor of Drawing*
GEORGE K. OLMSTEAD, PH.B., *Assistant in Political Economy*
HORATIO W. PARKER, M.A., *Professor of the Theory of Music*

CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*
JAY W. SEAVER, M.A., M.D., *Associate Director of the Gymnasium*
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*
WILLARD G. VANNAME, B.A., *Assistant in the Biological Laboratory*
CLAUDE F. WALKER, PH.D., *Assistant in Chemistry*
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*
CHAUNCEY W. WELLS, B.A., *Instructor in Rhetoric*
ALBERT B. WHITE, B.A., *Assistant in History*
FREDERICK WELLS WILLIAMS, B.A., *Instructor in Oriental History*

CONSULTATION HOURS

The DEAN, ... Daily, 10 to 12, 135 Elm st.
The REGISTRAR, . . . Daily, 10 to 1, 135 Elm st.
Professor ADAMS, Monday and Thursday, 9.30 to 10.20, C Alumni Hall.
Doctor W. A. ADAMS, Daily, 2 to 2.30; Saturday, 8.30 to 9.15, 11 Lake pl.
Doctor BALDWIN, . . Daily, 9.30 to 10.20, 12.30 to 1, 15 WH.
Professor BEEBE, . . Daily, 9.30 to 10, D Alumni Hall.
Professor BEERS, . . . Wednesday, 3 to 4, 171 F.
Professor COOK, Daily, except Saturday, 1.30 to 2, 219 Bishop st.
Doctor CREELMAN, . . . Wednesday, 3 to 3.30, 175 LYC.
Professor DANA, Tuesday, Thursday, and Saturday, 9.30, Sloane Lab.
Professor DUNCAN, . . Wednesday, 10.30 to 11.20, B_1 O.
Doctor DUNNING, ... Wednesday, 12, 76 W. D.
Professor FISHER, . . Daily, except Saturday, 9.30, A_2 O.
Professor GOOCH, . Monday and Friday, 3 to 4, Kent Laboratory.
Professor GOODELL, . . Daily, 9.30 to 10, 15 Phelps Hall.
Professor GRUENER, . . Daily, 10.30 to 11.30 and 1 to 2, 276 L.
Professor HADLEY, Monday, Tuesday, and Wednesday, 2.15, 93 Whitney av.; Thursday, 10.30, E_2 O.
Professor LADD, . Monday and Wednesday, 10 to 11, 275 L.
Professor LUQUIENS, Tuesday and Friday, 10.30 to 11.30, 133 F.
Professor PARKER, . . Monday and Thursday, 11 to 1, 3 TR.
Professor PECK, Monday and Wednesday, 12.30 to 1.15, 124 High st.
Professor PERRIN, . . Daily, except Saturday, 2 to 3, 136 F.
Professor W. L. PHELPS, Tuesday, 10.30 to 11.30; Friday, 12.30–1; Saturday, 9.30 to 10.30, 70 S. M.

Professor PHILLIPS, Daily, except Saturday, 2.30 to 4, 90 High st.
Professor REYNOLDS, Monday, Wednesday, Thursday, 12.30 to 1, 14 Phelps Hall.
Professor SANDERS, . . Wednesday evening, 77 Mansfield st.
Professor SANFORD, . Tuesday and Friday, 11 to 12, 38 College st.
Professor SCHWAB, ... Friday, 12.30 to 1, E_2 O.
Professor SEYMOUR, . . . Daily, 11 to 12, 22 Phelps Hall.
Professor C. H. SMITH, . . . Tuesday, 4 to 6, D_2 O.
Professor SNEATH, . . Tuesday and Thursday, 9.30, A_2 O.
Professor SUMNER, . Monday and Thursday, 9.30 to 10.20, F_2 O.
Professor WHEELER, Tuesday and Friday, 9.30 to 11.30, C_2 O., or 207 D.
Doctor A. L. WHEELER, . Daily, 12.30 to 1, 12 Phelps Hall.
Professor WILLIAMS, Monday and Thursday, 10.30 to 11.30, 6 M.
Professor A. W. WRIGHT, Daily, except Saturday, 10.30 to 12.20, Sloane Laboratory.

From the date of the original Charter, in 1701, a course of instruction leading to the degree of Bachelor of Arts has been continuously offered at the College; at first only three years of undergraduate study were required, but before 1710, a four years' course was provided, which has since been maintained.

Until 1813, when a Medical School was organized, no other course of study for a degree was marked out at Yale College; but with the incorporation of the Medical Institution (as it was originally styled) the older Department began to be designated the Academical Institution (or Department), and has continued to be so designated until at length, with the growth of other Schools about it and the expansion of the whole into Yale University, the original title of Yale College has again come to be applied distinctively to this Department.

TERMS OF ADMISSION

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects; certificates of standing elsewhere are not accepted in place of this examination, except in certain cases when a candidate brings evidence that he has passed the whole of Freshman year in good standing in another college.

I. ANCIENT LANGUAGES

1. Latin Grammar.

2. Cicero—the orations against Catiline and for Archias; and, in addition, either the *Milo*, or the *Manilian Law*, or the *Cato Major*, or the *Marcellus* and the 14th *Philippic*.

3. Vergil—the first six books of the *Aeneid* (including Prosody); and, in addition, either the *Bucolics* or the eighth and ninth books of the *Aeneid*.

4. Ovid—*Metamorphoses*, translation at sight.

5. The translation, at sight, of passages from Nepos and Caesar.

6. The translation into Latin of connected passages of English prose.

7. Roman History, to the death of Augustus.

8. Greek Grammar.

9. Xenophon—*Anabasis*, four books.

10. Homer—*Iliad*, three books, with Prosody.

11. The translation, at sight, into simple and idiomatic English, of a passage from some work of Xenophon.

12. The translation into Greek of connected passages of English prose, employing the vocabulary and idioms of the first four books of Xenophon's *Anabasis*.

13. Greek History.

Of the examinations in the ancient languages, those in Latin and Greek Grammar (1 and 8), translation at sight (4, 5, and 11), and Latin and Greek Composition (6 and 12) are considered most important, and the papers in them are read and marked with special care and strictness. A candidate who shows marked proficiency in these subjects is not conditioned for slight deficiency in Xenophon, Cicero, or Vergil.

The examination in Latin Grammar in 1898 will be based upon the second, third, and fourth orations of Cicero against Catiline. Students who do not read Cicero until the last year of their preparatory course are, therefore, advised to reserve Latin Grammar for their final examination. The examination in Greek Grammar in 1898 will be based on the first two books of Xenophon's *Anabasis*. *In both Greek and Latin, however, a knowledge of grammatical principles, especially of the body of syntax, will be required.*

Grammatical questions are not asked on other classical papers, except to test the candidate's understanding of a passage, or on poetic forms and constructions (including prosody) in Homer and Vergil.

In order to allow preparatory schools freedom in arranging their courses of work, alternative equivalents are provided in the authors set. Thus the paper on Cicero contains questions on all the

orations named in the list above, and on the Vergil paper passages are set from the eighth and ninth books of the *Aeneid* as a substitute for the *Bucolics*. Papers will be prepared also on other parts of Vergil, on other orations of Cicero, on other portions of the works of Xenophon than the first four books of the *Anabasis*, and on other books of Homer than the first three and the sixth of the *Iliad*, provided assurance is given to the Registrar, Mr. A. K. Merritt, before May 1, that as many as ten candidates desire such a paper.

In the translations at sight from Greek and Latin, the candidate is expected to show accurate knowledge of the forms and structure of the language and an intelligent comprehension of the meaning of the whole passage set.

The passages set for translation from English into Greek and Latin call for acquaintance with the vocabulary and style of simple narrative.

Teachers are advised to connect exercises in Greek and Latin composition, both oral and written, with all the Greek and Latin studies of the preparatory courses, and to begin the exercises in reading at sight early.

II. MATHEMATICS

14. Algebra (*a*)—Factoring, fractions, equations of the first degree with one or more unknown quantities, putting problems into equations, inequalities, powers and roots, fractional and negative exponents, reduction of radicals.

15. Algebra (*b*)—Quadratic equations, ratio and proportion, progressions, continued fractions, permutations and combinations, binomial theorem, method of indeterminate coefficients.

16. Plane Geometry (*a*)—Demonstrations and constructions.

17. Plane Geometry (*b*)—Solution of numerical problems involving the metric system and the use of Logarithms, also as much of the theory of Logarithms as is necessary to explain their use in simple arithmetical operations.—Five-figure tables will be used in the examination.

For the examination in Geometry, the candidates must provide themselves with compasses and rulers.

III. MODERN LANGUAGES

18. French *or* German—so far as to translate at sight easy prose into English, and also to translate easy English exercises into French or German.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

In *French* the examination is adapted to the proficiency of those who have studied French in the equivalent of a systematic course of five

hours a week for one year. It will consist of two parts (which, however, cannot be taken separately):—

(*a*) The translation at sight of ordinary prose.

The passages set for translation will be suited to candidates who have read not less than three hundred duodecimo pages from the works of at least three different authors; this amount includes sight-reading done in class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into French of English sentences, or a short connected passage, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles; and the partitive constructions. Proficiency may also be tested by direct questioning.

Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

In *German* the examination is adapted to the proficiency of those who have studied German in the equivalent of a systematic course of five periods a week for one year. It will consist of two parts (which, however, cannot be taken separately):

(*a*) The translation at sight of a passage of easy prose containing no rare words.

The passages set for translation will be suited to candidates who have read not less than two hundred duodecimo pages of simple German, chiefly narrative prose; this amount includes sight-reading done in class. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into German of simple English sentences, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of modal auxiliaries; the elements of syntax and word-order. Proficiency may also be tested by direct questioning.

Practice in pronunciation by reading aloud as much as possible from the texts used in the class is recommended; also, the writing of German from dictation.

IV. ENGLISH

19. (*a*) READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. As supplementary to this test, the candidate will be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination are :—

Preliminary Examination in 1897, for the class entering in 1898: Milton's *Paradise Lost*, Books i and ii; Pope's *Iliad*, Books i and xxii; the Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *Vision of Sir Launfal;* Hawthorne's *House of the Seven Gables.*

Preliminary Examination in 1898, for the class entering in 1899: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* DeQuincey's *Flight of a Tartar Tribe;* Cooper's *Last of the Mohicans;* Lowell's *Vision of Sir Launfal;* Hawthorne's *House of the Seven Gables.*

Preliminary Examination in 1899, for the class entering in 1900: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Scott's *Ivanhoe;* DeQuincey's *Flight of a Tartar Tribe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal.*

Preliminary Examination in 1900, for the class entering in 1901: Shakespeare's *Merchant of Venice;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

Preliminary Examination in 1901, for the class entering in 1902; Shakespeare's *Merchant of Venice;* Pope's *Iliad*, Books i, vi, xxii,

and xxiv ; The Sir Roger de Coverley Papers in *The Spectator ;* Goldsmith's *Vicar of Wakefield ;* Coleridge's *Ancient Mariner ;* Scott's *Ivanhoe ;* Cooper's *Last of the Mohicans ;* Tennyson's *Princess ;* Lowell's *Vision of Sir Launfal ;* George Eliot's *Silas Marner.*

20. (*b*) STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination are :—

Final Examination in 1898: Shakespeare's *Macbeth ;* Burke's *Speech on Conciliation with America ;* DeQuincey's *Flight of a Tartar Tribe ;* Tennyson's *Princess.*

Final Examination in 1899: Shakespeare's *Macbeth ;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America ;* Carlyle's *Essay on Burns.*

Final Examination in 1900: Shakespeare's *Macbeth ;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

Final Examination in 1901; Shakespeare's *Macbeth ;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso ;* Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

Final Examination in 1902; Shakespeare's *Macbeth ;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso ;* Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

For candidates who take the complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year ; for example, the complete examination in 1898 will cover the books set for the final examination in 1898, together with those set for the preliminary examination in 1897.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination, with an interval of not less than a year between the two parts. In such cases, they must present themselves at one of the two regular examinations, that is, either in June or in September, of the first year ; and at this preliminary exam-

ination each candidate must submit a definite statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be furnished, unless at least six of the above twenty subjects have been satisfactorily passed.

A candidate rejected in June, who has passed in five or more subjects, may try the whole examination again in September; but a preliminary certificate given in June cannot be used in the following September examination.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Alumni Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (June 30, July 1, 2, 1898); *attendance is required at the opening of the examination, at 9 A. M. on Thursday*, and the sessions will close at 1 P. M. on Saturday. The examination is wholly in writing; a set of papers recently given will be sent by the Registrar, Mr. A. K. Merritt, on application.

In 1898 examinations (beginning on Thursday, June 30, at 9 A. M., and closing on Saturday at 1 P. M.) for admission to the Freshman Class (but not to higher classes) will also be held

in Albany, N. Y., at the Albany Academy;
Andover, Mass., at Phillips Academy;
Auburn, N. Y., at the High School;
Buffalo, N. Y., at the Buffalo High School;
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street;
Cincinnati, O., at the Hughes High School, 5th street, head of Mound;
Cleveland, O., at the University School;
Columbus, O., at the Columbus Latin School;
Concord, N. H., at St. Paul's School;
Denver, Col., at the East Denver High School;
Detroit, Mich., at the Detroit School for Boys, 36 Putnam av.;
Dobbs Ferry, N. Y., at the Westminster School;
Easthampton, Mass., at Williston Seminary;
Exeter, N. H., at Phillips Academy;
Groton, Mass., at Groton School;
Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets;
Knoxville, Tenn., at the University School;

in Lakeville, Conn., at the Hotchkiss School;
Lawrenceville, N. J., at the Lawrenceville School;
Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street;
New York City, at the Y. M. C. A. building, 23d st. and 4th av.;
Norwich, Conn., at the Free Academy;
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street;
Pittsburg, Pa., at Shady Side Academy;
Pomfret, Conn., at Pomfret School;
Portland, Oregon, at the Bishop Scott Academy;
Pottstown, Pa., at the Hill School;
San Francisco, Cal., at the Urban School, 2124 California street;
St. Louis, Mo., at the Board of Education building, corner 9th and Locust streets;
St. Paul, Minn., at the High School;
Scranton, Pa., at the School of the Lackawanna;
Southborough, Mass., at St. Mark's School;
Tacoma, Wash., at the Tacoma Academy;
Washington, D. C., in the examining-room of the Civil Service Commission, corner of 8th and E streets.

An examination will be held on the same days in some city of Northern Europe. The exact place will be advertised in the Paris edition of the New York Herald during the first week of May and the first week of June. For this European examination, a fee of twenty-five dollars will be charged.

Candidates who propose to be present elsewhere than at New Haven are requested to send their names to the Registrar before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates and the distance from other places of examination may warrant it; applications for this purpose must be sent to the Registrar before May 15.

A second examination is held, *in New Haven only*, at the beginning of the College year, on Monday, Tuesday, and Wednesday (September 26, 27, 28, 1898); candidates for this examination must be present at Alumni Hall at 2.30 P. M. on Monday.

ORDER OF JULY EXAMINATION

Thursday, June 30

[Session begins at 9.00. Registration,	9.00—9.40]
Vergil and Prosody,	9.40—10.40
English *a*,	10.40—11.30
English *b*,	11.30—12.30
Xenophon,	3.00— 4.00
Roman History,	4.00— 4.30
Greek Grammar,	4.30— 5.30
Greek Composition,	5.30— 6.00

Friday, July 1

Homer,	9.00—10.00
Algebra *a*,	10.00—10.45
Algebra *b*,	10.45—11.30
Caesar and Nepos,	11.30—12.15
Cicero,	2.45— 3.30
Greek History,	3.30— 4.00
Geometry *a*,	4.00— 5.00
Geometry *b*,	5.00— 6.00

Saturday, July 2

Latin Grammar,	9.00—10.00
Latin Composition,	10.00—10.30
Greek at sight,	10.30—11.15
Ovid at sight,	11.15—12.00
French or German,	12.00— 1.00

ORDER OF SEPTEMBER EXAMINATION

Monday, September 26

[Session begins at 2.30 P. M. Registration,	2.30—3.00]
Vergil and Prosody,	3.00— 4.00
English *a*,	4.00— 5.00
English *b*,	5.00— 6.00

Tuesday, September 27

Xenophon,	9.00—10.00
Roman History,	10.00—10.30
Greek Grammar,	10.30—11.30
Greek Composition,	11.30—12.00
Homer,	2.30— 3.30
Algebra *a*,	3.30— 4.15
Algebra *b*,	4.15— 4.45
Caesar and Nepos,	4.45— 5.30

Wednesday, September 28

Greek History,	9.00— 9.30
Geometry *a*,	9.30—10.30
Geometry *b*,	10.30—11.30
Cicero,	11.30—12.15
Latin Grammar,	2.00— 3.00
Latin Composition,	3.00— 3.30
Greek at sight,	3.30— 4.15
Ovid at sight,	4.15— 5.00
French or German,	5.00— 6.00

Persons applying for admission to any class in College during the course of the College year (from September to June) must first obtain from the Faculty permission to be examined, and pay to the Treasurer a fee of ten dollars.

In general, examinations for admission to the next Freshman Class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

ADVANCED STANDING.—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those studies which have been already pursued (see pp. 55 ff.) by the class which they wish to enter. In the several languages, for the particular books studied by the class, equivalent amounts from other books may be offered. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class (without examination and without becoming candidates for the Bachelor's degree), as candidates for the degree of Doctor of Philosophy after three years' study.

No one is admitted to the Senior Class after the beginning of the second term.

AGE.—No one is admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS.—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission in full is granted. Students from other Colleges must present certificates of dismission in good standing.

BOND.—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the College. A blank form for this purpose is furnished at the time of admission.

GOVERNMENT AND INSTRUCTION

The Dean has the general supervision, under the Faculty, of the Senior and Junior classes; the members of the two lower classes are assigned by divisions for a similar supervision to the care of instructors in those classes.

Absence from College exercises is excused only for extremely urgent reasons. In general, a student cannot be excused for absence at the beginning or near the end of a term. In order to cover all cases of absence which may seem justifiable to the student, but for which no excuses will be accepted, an allowance is granted to a member of the Senior or Junior class of absence from eight class-room exercises (recitations, lectures, or rhetorical appointments), and to a member of the Sophomore or Freshman class from six class-room exercises, during the first term and during each half of the second term, without incurring marks and without affecting his record for scholarship; provided that these absences shall not immediately precede or follow a vacation or recess; provided, also, that no two absences shall be consecutive in any one study, and that such absences shall not excuse the student from preparation upon the omitted lessons when reviewed.

The members of the Sophomore and Freshman classes are arranged in divisions according to scholarship. Dur-

ing the present year, for required work the Junior class is divided into eight divisions, the Sophomore class into eight, and the Freshman class into thirteen ; in the elective courses, the divisions are of convenient size for class-room work.

In Freshman year Greek, Latin, and Mathematics occupy eleven hours of class-room work per week, three hours are given to Modern Languages, and one hour to English. In Sophomore year three-hour courses are offered in Greek, Latin, Mathematics, Modern Languages, English, and Physics, and each member of the class is required to select five courses. The kind and amount of study in these two years are believed to be such as are essential for laying the foundation of a liberal education, whatever the department or profession that may be pursued in after-life ; and no more than is needed to give the student a proper basis of knowledge and discipline for the study of the *elective* courses which follow, and that knowledge of himself, and of the subjects before him, which is needed for a judicious choice. If a student can pass a satisfactory examination in any of the Freshman or Sophomore courses for the work of *one year in advance*, he may be allowed to choose from the list of Electives some other course which he is qualified to pursue with advantage, covering the same number of hours.

Of the work of the Junior and of the Senior years over four-fifths is in elective studies. The whole number of elective courses open to the two classes is at the present time about two hundred ; and in addition there are several courses of lectures, attendance on which is optional. The Juniors have open to them elective studies in the Fine Arts, History, Political Science, Psychology and Ethics, the Natural Sciences, and Music, in addition to those in the departments of the Classics, the Modern Languages, and Mathematics; and the Seniors, electives under all these departments, with others of higher range as explained below.

Many of the courses fall naturally into groups: as that of the Ancient Languages and Literatures; Psychology, Logic, and Philosophy, with Ethics; Political Science and Law; History; Modern Languages and Literatures; Mathematics and Physics; Chemistry and the Natural Sciences; and the student is recommended to select his courses as far as possible according to his needs, in part perhaps according to his expectations as to future work, fixing first upon the chief subject, and selecting others that are subsidiary to it. In several cases, related courses are accessible to the student only as they are taken consecutively.

To promote the rational choice of elective courses, SPECIAL HONORS in various groups of studies are offered, to be given at the end of the Senior year, in accordance with the scheme on page 117.

THE PROGRAM OF STUDIES for the current year is as follows:

FRESHMAN YEAR:

Greek—Homer's *Odyssey*, books i, and ix-xii; selections from Herodotus; the *Apology* of Plato.

Latin—Livy, books i and ii; selections from Latin prose and verse; the Comedies of Terence; Prose Composition.

French or German—Three hours a week throughout the year. Students may at their option either continue the study of the modern language presented for admission to college, or begin the study of the other in case they have not previously pursued it. Those who have sufficient knowledge of either language are assigned to classes still further advanced.

Mathematics—Geometry: Planes, Polyhedrons, Cones, Cylinders, and Spheres. Projection of figures with exercises on Models. Text-book, Phillips and Fisher's *Geometry*.

Plane Trigonometry: Solutions of Triangles, Mensuration, and Surveying. Text-book, Wentworth's *Trigonometry*.

Mechanics: The elementary principles of Kinematics, Kinetics (or Dynamics), and Statics, in reference to solid bodies, with practical applications. Text-book, Glazebrook's *Mechanics*.

English Literature—Three hours a week through twelve weeks. Six plays of Shakespeare.

SOPHOMORE YEAR:

Each member of the Sophomore class is required to choose five of the six following courses. In course III either French or German may be taken, but not both.

I. *Greek*—The *Prometheus* of Aeschylus; the *Oedipus Tyrannus* of Sophocles; the *Alcestis* of Euripides; the *Frogs* of Aristophanes; lectures on the origin and history of the Athenian Drama, and on the Greek Theatre.

In reading these works, special attention is paid to the structure of the poems and their literary quality, to poetic words, forms, arrangement of words, rhythm, and constructions. Grammatical questions are discussed rarely, except as they are important for the interpretation and illustration of the author's meaning.

II. *Latin*—The *Odes* and *Epodes* of Horace, the *Agricola* and *Germania* of Tacitus, and several plays of Plautus.

These works have been selected on account of the permanent value and variety of their subject-matter and literary form, and because they illustrate the language and literature at important stages in their development, and represent different periods of Roman history and types of Roman life and character. The class-room treatment is largely literary and historical. In addition to the above texts, a considerable amount of Latin is read at sight.

III. (*a*) *French—Advanced Course.* Reading of French prose from A. Dumas, P. Loti, H. Taine, and others, in Luquiens' *Places and Peoples*, and, in verse, Racine's *Britannicus*, V. Hugo's *Ruy Blas*, and Ponsard's *Lion Amoureux*. Alternately with the reading, exercises in composition and, whenever possible, in conversation.

Second-Year Course (for students who began French in the Freshman year). Reading of French prose from standard authors on varied topics. A short course in syntax accompanied with exercises in composition and oral practice.

Beginners' Course. Practice in pronunciation, early reading of easy French, and a careful study of the main facts of grammar.

III. (*b*) *German—Advanced Course.* Reading, in the first term, of selections from Heine's prose and poetry, and in the second term of Lessing's *Laokoön*, *Minna von Barnhelm*, and *Nathan der Weise.*

Through the year weekly exercises in German composition.

Second-Year Course. Reading of short stories by Riehl, Heyse, and Keller; of a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature. Practice in writing German. Study of word-formation.

Beginners' Course. Grammar. Translation from German into English, and elementary exercises in translating into German. Practice in pronunciation. The course is intended to give to the student a knowledge of such grammatical elements as will enable him to read easy German at sight and to put easy English sentences into German. The reading is of simple narrative prose.

V. (*a*) *English Literature.* Two hours a week. The following standard authors are read: Spenser — Book i, *Faery Queene.* Shakespeare—*Othello*, *King Lear*, *Hamlet.* Milton—the *Minor Poems*, and the first two books of *Paradise Lost.* Addison—selections from the *Spectator.* Swift—*Gulliver's Travels*, and many short pieces. Pope—*Rape of the Lock*, *Epistle to Dr. Arbuthnot*, and other poems. Gray — selections from his poetry and prose. In connection with the study of these authors an outline history of English literature will be used.

(*b*) *Rhetoric*—Recitations and lectures, one hour a week; frequent essays, with regular hours for criticism.

V. *Physics*—A general course commencing with the properties of Liquids and Gases, and going on with the subjects of Sound, Heat, Light, and Electricity. Experimental illustrations are introduced freely into the class-room. Ganot's *Physics* (14th edition) is used as the text-book.

VI. *Mathematics*—There will be two sections in this subject as follows:

SECTION I. Graphic Algebra, the elements of Analytical Geometry, and the introductory principles of the Differential and Integral Calculus with simple applications. All who purpose to make a more extended study of pure Mathematics, to do advanced work in Physics or in any of the subjects which involve graphical or analytical methods, will need this course as a foundation for their future work.

SECTION II. Principles of Plane and Spherical Trigonometry applied to Mensuration, Surveying, Navigation, and the elementary problems of Practical Astronomy.

Elocution—An extra-optional course of one hour per week is offered to the Sophomore Class in the second term. This course includes lectures on the Science and the Art of Elocution, practice in speaking and reading by small subdivisions, and private individual practice for the "honor men" chosen to contest for the prizes for declamation and reading.

JUNIOR AND SENIOR YEARS:

Courses covering thirty hours must be satisfactorily completed by each student in Junior and Senior years in order to be recommended for a degree. Every member of the Junior class is required to take not less than fifteen hours, and not more than eighteen hours per week of class-room work.

The *prescribed* studies of Junior year occupy three hours per week, and those of Senior year two hours per week.

PRESCRIBED STUDIES OF JUNIOR YEAR:

Logic—Jevons's *Lessons in Logic;* Fowler's *Inductive Logic;* exercises in the criticism of arguments; lectures.

Psychology—Ladd's *Psychology, Descriptive and Explanatory;* lectures.

Ethics—Porter's *Elements of Moral Science.*

PRESCRIBED STUDIES OF SENIOR YEAR:

Philosophy—One course in this department of study, two hours per week throughout the year, is prescribed. The particular course taken is left, however, to the choice of the pupil from a list of four or more courses. Under the term Philosophy, as here used, is included the study of psychology, ethics, and the history of philosophy.

ELOCUTION:

Junior Year, First Term—An extra-optional course of one hour per week in advanced oratorical speaking, or Shakespearean readings. Special preparatory training for the TenEyck Prize Speaking at the Junior Exhibition.

Senior Year—Special preparatory training of the speakers for the DeForest Prize in Oratory.

ELECTIVE COURSES

All members of the *Junior Class* are required to select for their studies not less than fifteen nor more than eighteen hours of elective work per week. All members of the *Senior Class* are required to select for their studies a number of hours per week which, in addition to those chosen and passed satisfactorily at the end of Junior year, will bring the total number up to thirty hours.

JUNIORS are required to take course 1.

SENIORS are required to choose one of the four courses, 2, 3, 4, 5.

Asterisked courses (*) can only be chosen with the written consent of the instructor.

I. PSYCHOLOGY; ETHICS; PHILOSOPHY

1 *Logic, Psychology, and Ethics (elementary course).* 3 hrs.

I, IV, Mondays and Thursdays, 8.30; II, V, Tuesdays and Fridays, 8.30; III, VI, Wednesdays and Saturdays, 8.30, in B_1 O, A_2 O; I—VI, Saturdays, 11.30, in A_1 O.

Professors LADD, DUNCAN, SNEATH, and Dr. SCRIPTURE.

In this course systematic instruction is given in the elements of logic, general psychology, and practical ethics. Professor Ladd lectures on the structure and functions of the nervous system, the end-organs of sense, and selected topics in general psychology; and Dr. Scripture on the experimental treatment of psychology.

2 *Introduction to Philosophy.* [Seniors.] 2 hrs.

I, Wednesdays, 8.30, in A_1 O; II, Wednesdays, 11.30, in B_1 O; I and II, Saturdays, 8.30, in A_1 O.

Professor LADD.

This course is designed to present, in an elementary and summary way, the principal philosophical problems. It may properly be taken by all who desire any acquaintance with philosophy as a means of general culture. One exercise each week throughout the year will consist of a lecture; the other, of a lecture or of oral and written work by the class, recitation, discussion, questions, papers, etc. The exercises will be based upon some book giving a general treatment of the subject, supplemented by study of several of Lotze's *Philosophical Outlines*.

During the latter half of the course special emphasis will be laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

4 *History of Modern Philosophy.* [Seniors.] 2 hrs.

Wednesdays and Saturdays, 11.30, A_2 O.

Professor DUNCAN.

An elementary study of the development of speculative thought from Descartes to the present time, with cursory reading of philosophical masterpieces from Descartes to Kant. This course (which is largely a lecture course, with frequent exercises on the texts read and occasional examinations on both the lectures and texts), while intended primarily for general culture, also aims to be an introduction to the more special study of philosophy in its various branches and problems.

5 *Philosophical Anthropology.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 10.30, A_2 O.

Assistant Professor SNEATH.

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God; and his development in history. The course is based upon Lotze's *Microcosmus*.

6 *Abnormal Psychology.* 1 hr.

Mondays, 3.00, B_1 O.

Professor LADD.

This course is designed to supplement course 1 and to discuss especially the physiological conditions and mental phenomena of sleep, dreams, and hypnotic, somnambulistic, and other allied states.

7 *The Theory of Evolution.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 9.30, 5 M. and B_1 O.

Professors WILLIAMS and DUNCAN.

(*a*) *The Philosophy of Life and Organism* (first half year).

5 M.

Professor WILLIAMS.

A discussion of the facts and phenomena underlying the modern theories of biological evolution, and of the various forms of theory proposed to explain them.

(*b*) *The Philosophy of Evolution* (second half year).

B_1 O.

Professor DUNCAN.

An examination of the Evolution Theory of Spencer in its psychological, ethical, and metaphysical aspects. This may be followed by the reading and discussion of some of the popular philosophical papers of Huxley, Tyndall, and Clifford.

8 *Epistemology.* [Seniors.] 1 hr.

Thursdays, 9.30, B_1 O.

Professor DUNCAN.

The nature and conditions of formal truth will be studied in connection with the reading of an advanced work on logic. This will be followed by a study of the psychology of knowledge and by an examination of the nature, limits and grounds for the validity of our knowledge of reality.

9 *Philosophy and Literature.* 1 hr.

Wednesdays, 9.30, A_2 O.

Assistant Professor SNEATH.

This course will consider the nature and the problems of philosophy as presented in the writings of distinguished men of letters,—those who have been called the "popular philosophers." The works of the following authors will be specially considered: Coleridge, Carlyle, Tennyson, Browning, and Matthew Arnold. The aim of the course will be to show what philosophy can do for the student of letters, and how the profounder aspects of thought may be presented in the attractive form of literature. The course will be specially preparatory and supplementary to the philosophical courses of the Senior year.

10 *Psychology (Physiological and Experimental).* 2 hrs.

Tuesdays and Thursdays, I at 2.00, II at 4.00, Psychological Laboratory.

Dr. SCRIPTURE.

An elementary course illustrated by physiological and psychological experiments, lantern-views, dissections, etc. Text-books: Ladd's *Outlines of Physiological Psychology;* Scripture's *New Psychology.*

11 *Psychology (Laboratory Course).* 1 hr.

Mondays, 4.00–5.50, Psychological Laboratory.

Dr. SCRIPTURE.

One session of two hours. Elementary exercises in experimenting, designed to afford to the student a practical training.

This course can be taken only in connection with, or in sequence to, course 10.

12 *Experimental Psychology as applied to Education.* 1 hr.

Tuesdays, 5.00, Psychological Laboratory.

Dr. SCRIPTURE.

Lectures, demonstrations and experiments to show how the mind should be trained in order to obtain the maximum ability in attention, memory, quickness and accuracy of thought, fineness of sensation, etc.

13 *Education.* 2 hrs.

Mondays and Fridays, 2.00, B_2 O.

Dr. GREEN.

This course is especially designed for those who intend to teach, and comprises readings and lectures on the history and theory of modern education. A brief exposition of the facts of mental development will be followed by a critical survey of the history of modern systems, and a study of present theory and practice, with reference to these facts.

14 *History of Ancient and Medieval Philosophy.* 2 hrs.

Mondays and Thursdays, 11.30, B_1 O.

Dr. GREEN.

The aim of this course will be to furnish a general knowledge of the philosophical views of ancient and mediaeval thinkers. In Greek Philosophy special emphasis will be laid upon the views of Socrates, Plato, and Aristotle. Weber's *History of Philosophy* will be used as a basis.

*15 *Kant Seminary.* [Seniors.] 2 hrs.

Mondays, 7.15–9.00 P. M., B_1 O.

Professor LADD.

A rapid reading of Kant's ethical writings will be followed by a more careful study of the *Critique of Judgment*, as a basis for discussing the principal conceptions in the philosophy of the

beautiful. After an expository and critical lecture, a paper upon a topic given out some time in advance will be read, to be followed by discussion on the part of both teacher and class.

*16 *Metaphysics.* [Seniors.] 2 hrs.

Wednesdays, 3.15–5.00, B_1 O.

Professor LADD.

The systematic and critical study will be undertaken of all those conceptions which enter into a theory of reality,—such as space, time, causation, energy, relation, quality, etc. Lotze's large work on Metaphysics will be used as a basis of the course, but the exercises will consist in the presentation and discussion of elaborate papers embodying the results of research by the class.

*17 *Advanced Psychology.* [Seniors.] 2 hrs.

Wednesdays and Saturdays, 9.30, B_1 O.

Professor DUNCAN.

A course in general psychology which aims at a detailed study of the phenomena of mental life from the scientific point of view. Sully's *Human Mind* will be read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, James's *Principles of Psychology*, and the works of other leading modern authors; and the reading will be accompanied by papers, discussions, and lectures.

*18 *Philosophy of Empiricism.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 9.30, B_1 O.

Professor DUNCAN and Dr. GREEN.

(*a*) *Locke's Essay concerning Human Understanding* (first half-year).

Professor DUNCAN.

A careful study of this great classic of empiricism is undertaken and an attempt made to estimate its value and its influence upon subsequent thought. Professor Fraser's new critical edition of the Essay and Mr. Langley's translation of Leibnitz's *Critique of Locke* are used, and Leibnitz's criticisms are compared with those of the more important of Locke's other expounders and critics, such as Lee, *Anti-scepticism;* Cousin, *Philosophy of Locke;* Green, *Introduction to Hume;* Webb, *Intellectualism of Locke*, etc.

(*b*) *Hume's Treatise on Human Nature* (second half-year).

Dr. GREEN.

An examination of the destructive outcome of empiricism as exhibited in the speculations of Hume. Professor T. H. Green's critical edition of the Treatise, or that of Selby-Bigge, will be used. The study of Hume may be preceded by the reading of Berkeley's *Principles of Human Knowledge* and closed with a discussion of Hume's relation to subsequent Scotch and German philosophy.

*19 *Research Work in Psychology.* 2 hrs.

[Time arranged personally.]

Dr. SCRIPTURE.

This course is mainly for graduates, but is open to Seniors who are taking or have taken courses 10 and 11.

A special problem for investigation is assigned to the student, who carries it out under personal supervision of the instructor. The course is specially adapted for candidates for Honors in Philosophy and for those who wish to obtain a training in the art of research.

*21 *History of Religion.* [Seniors.] 2 hrs.

Mondays and Thursdays, 9.30, B_1 O.

Dr. FAIRBANKS.

The two main topics are: (*a*) the study of Semitic religions in relation to the religion of Israel, and (*b*) the history of religion in India and Persia. Religion in China is also considered in order that the course may meet the needs of students who are looking forward to mission work in China, in India, or among Mohammedan peoples. After a rapid survey of the sources of knowledge, the beliefs and rites of each religion are carefully studied, and the historic relation between them examined. The constant aim is to trace some of the laws which govern the development of religion, and the factors which tend to aid or hinder its development.

Menzies' *History of Religion* will be read and discussed; selections from the original documents will be read in translation; and the more important archaeological remains presented in illustrated lectures.

II. POLITICAL SCIENCE AND LAW

30 *Economics (general course).* 3 hrs.

I, Mondays and Thursdays, 8.30,
II, Mondays and Thursdays, 11.30,
III, Tuesdays and Fridays, 8.30,
IV, Tuesdays and Fridays, 11.30,
} A_3 O.
I–IV, Wednesdays, 11.30, A_1 O.

Professors HADLEY and IRVING FISHER.

A thorough course in the elements of the science. Two hours a week are devoted to text-book work with Professor Fisher, involving recitation-room drill in the general principles. Professor Hadley lectures the third hour on the application of these principles to financial and industrial problems of the day.

Text-books: Hadley's *Economics*, and Cannan's *Elementary Political Economy*.

31 *Statistics.* 2 hrs.

Wednesdays, 8.30, and Saturdays, 9.30, A_3 O.

Assistant Professor IRVING FISHER.

First Term: Vital Statistics and Life Insurance. The relations of statistics to the theory of population, the construction of life tables, and the laws of insurance.

Second Term: General statistics. The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out.

Text-book: Mayo-Smith's *Statistics and Sociology*.

32 *Finance.* [Seniors.] 3 hrs.

I, Wednesdays, 8.30,
II, Fridays, 8.30,
III, Saturdays, 8.30.
} E_2 O.
I–III, Mondays and Thursdays, 11.30, E_2 O.

Assistant Professor SCHWAB.

A second-year course in Money, Banking, and Finance. Two hours a week will be devoted to lectures, and the third hour to a quiz-exercise in small sections under an assistant. The work will cover the principles of money and credit, with illustrations from the monetary, banking and financial history of the world, and of the United States in particular; it will also cover less minutely the subject of public finance, namely, the systems of government revenue and expenditure.

Text-books: Jevons's *Money and the Mechanism of Exchange*, Dunbar's *Banking*, White's *Money and Banking*, Sumner's *Problems in Political Economy*, Sumner's *Investment Securities*, and Plehn's *Public Finance.*

33 *United States Industrial History.* [Seniors.] 3 hrs.

Tuesdays, 8.30, and Tuesdays and Fridays, 11.30, E_2 O.

Assistant Professor SCHWAB.

A second-year course on the history of the tariff legislation and industrial development of the United States, on the modern industrial system, corporations, and international trade.

As in course 32, there will be two lectures a week, the third hour being devoted to a quiz-exercise in small sections.

Text-books: Taussig's *Tariff History of the United States*, 1892, Bastable's *Commerce of Nations*, Hadley's *Railroad Transportation*, and Von Halle's *Trusts.*

*34 *Principles of Economics (advanced course).* [Seniors.] 2 hrs.

Wednesdays and Saturdays, 10.30, E_3 O.

Assistant Professor IRVING FISHER.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 30. Mathematical methods are freely used where needful. As preparatory to the use of these methods, the course begins with lectures on elementary calculus. These are followed by the analysis of: (1) value and prices; (2) general price levels; (3) effects of "appreciation" and "depreciation," with statistical discussion; (4) bimetallism and other currency schemes, with especial reference to the experience of France, Austria, and India; (5) international trade; (6) capital and interest; (7) distribution.

Text books: Cournot's *Investigations on the Mathematical Theory of Wealth* and Fisher's *Value and Prices* and *Appreciation and Interest.* Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

*35 *Economic Debates.* [Seniors.] 2 hrs.

Tuesdays, 4–5.50, E_3 O.

Professor HADLEY.

Members of the class will be expected to organize debates each week on subjects of economic interest; to prepare and inter-

change briefs, and argue the questions at issue on the basis of special study and investigation. No one will be admitted who has not already studied Economics.

37 *Railroad Transportation.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 11.30, in E_3 O.

Professor HADLEY.

An exhaustive investigation of the subject from the original sources. Those who take part in this course must be able to read *with ease* one of the two languages, French or German; and it is desirable that they should know something of both.

38 *United States Financial History.* [Seniors.] 1 hr.

Wednesdays, 11.30, E_3 O.

Assistant Professor SCHWAB.

A course, similar to 32, covering the subjects of money and banking, and open to those who take 33, but not 32.

39 *United States Industrial History.* [Seniors.] 1 hr.

Wednesdays, 12.30, E_3 O.

Assistant Professor SCHWAB.

A course, similar to 33, covering the industrial history of the United States and the modern industrial system. Open to those who take 32, but not 33.

40 *The Science of Society.* [Seniors.] 2 hrs.

Mondays and Thursdays, 8.30, A_1 O.

Professor SUMNER.

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this will be a course of lectures on Systematic Sociology [Societology]. This course is strictly academical both in subject and method, and does not take up topics popularly classed under "social science." Topics are: The organization of society; the individual and the social; social forces; militarism and industrialism; property; marriage, family, and the status of women; primitive notions in religion and philosophy; civil government, law and rights; slavery and classes; economic interests and their collisions; conditions of welfare; origin of moral standards; reaction of reason on experience. These topics are treated exclusively in the light of Historical Anthropology and Ethnology.

41 *The Science of Society.* [Seniors.] 2 hrs., *to count as 3 hrs.*

Mondays and Thursdays, 8.30, A_1 O.

Professor SUMNER.

A course with a German text-book (Lippert's *Kulturgeschichte;* 2 vols., Stuttgart, 1887), for those who are able to read difficult German. The exercises are coincident with those of course 40, including the lectures as above.

43 *History of Political and Economic Theories.* [Seniors.] 1 hr.

Wednesdays, 9.30, E_3 O.

Professor HADLEY.

For those who are making a special study of Political Science. The course is intended to serve as a guide to the technical literature of the subject and to show the relations of its different parts to one another.

45 *Jurisprudence and Law.* [Seniors.] 2 hrs.

First term: Fridays and Saturdays, 12.30, A_1 O.

Assistant Professor BUCKLAND.

Lectures, recitations, private readings, and examinations on the following subjects: law in its relations to the origin, development, and government of political society; origin and development of customary law; relation of statute law to customary law; formation and development of codes of law; nature and origin of legal rights; principles of the law governing rights in land; principles of the law governing contract rights; the law of remedies for the violation of rights; origin and procedure of courts of law and equity; criminal law. The instruction in this course is designed to present an historical and philosophical view of the law in its great outlines, as common to all nations, and particularly as developed in the Anglo-Saxon race. In addition it is designed to show the practical methods which obtain in modern commercial transactions and the law as applied to them, and to point out the principal rights acquired, the duties owed, and the liabilities incurred in the every-day conduct of affairs.

To those exhibiting satisfactory evidence of having read the four books of Blackstone's *Commentaries* in connection with this course, a special examination in Blackstone will be given. All who satisfactorily pass such special examination will be entitled to a certificate of having completed the reading of Blackstone.

Second term : Fridays and Saturdays, 12.30, A_1 O.

Professor E. J. PHELPS.

Lectures upon American Constitutional Law and upon International Law. Text-books are read in connection with the lectures.

This course is not intended merely for those who are contemplating the study of the law as a profession, but for all who may be interested in the subjects as a branch of general education.

Students who pursue the course and pass the graduating examinations thereon, are entitled to a certificate which in many States is accepted as counting a year in the period of study required for admission to the bar.

III. HISTORY

50 *Medieval History.* [Juniors.] 2 hrs.

I, Mondays and Thursdays, 8.30.
II, Mondays and Thursdays, 11.30.
III, Tuesdays and Fridays, 8.30.
IV, Tuesdays and Fridays, 11.30.
} C Alumni Hall.

Professor G. B. ADAMS.

The object of course 50 is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

51 *History of Europe from the Reformation to the French Revolution.* 2 hrs.

I, Mondays and Wednesdays, 12.30.
II, Wednesdays and Fridays, 12.30.
} C Alumni Hall.

Assistant Professor RICHARDSON.

This course will deal mainly with the growth of the European State system, the influence upon Europe of the colonial expansion, and the political and intellectual movements preparatory to the Revolutionary epoch. Some attention will also be given to the economic history of the period.

*52 *History of Europe from the Reformation to the French Revolution.* 3 hrs.

I, Mondays and Wednesdays, 12.30. } C Alumni Hall.
II, Wednesdays and Fridays, 12.30. }
A third hour at the convenience of the class.

Assistant Professor RICHARDSON.

Course 52 is open as a three-hour course to all students who can read German. Two hours of the course are identical with those of course 51. The third hour will consist of the discussion of the documents in Schilling's *Quellenbuch zur Geschichte der Neuzeit*, and in Carréard's *Choix de Textes pour servir à l' étude des Institutions de la France*, and of papers by the students.

53 *History of Europe since 1789.* [Seniors.] 2 hrs.

I, Mondays and Thursdays, 11.30. }
II, Mondays and Thursdays, 12.30. } C_2 O.
III, Tuesdays and Fridays, 8.30. }
IV, Tuesdays and Fridays, 11.30. }

Professor A. M. WHEELER.

Mainly political ; introductory to European politics of our day.

55 *English History.* [Seniors.] 3 hrs.

I, Mondays, Wednesdays, and Thursdays, 10.30. } C Alumni
II, Tuesdays, Wednesdays, and Fridays, 9.30. } Hall.

Professors G. B. ADAMS (first half-year) and RICHARDSON (second half-year).

Political and constitutional. Particular attention will be given to the development of political and legal institutions, and in the second half to the colonial expansion of England. The more important constitutional documents will be discussed in detail as well as such other contemporary sources as are accessible. While this course is of special value to those who intend to study law, the interest of the general student will also be kept in view.

57 *Ancient Oriental Nations from the earliest times.* 2 hrs.

Mondays and Thursdays, 12.30, C_1 O.

Mr. F. W. WILLIAMS.

A comprehensive survey of the beginnings of civilization, and its development in the principal nations of antiquity, including Babylonia, Assyria, Egypt, Phoenicia, and Media. This course

illustrates the connection of Biblical and profane history, discusses the origins of political and social institutions, religions, the arts and sciences, and the Asiatic sources of European civilization, and constitutes an introduction to the study of history.

58 *Modern Asiatic History.* 2 hrs.

I, Tuesdays and Fridays, 10.30.
II, Tuesdays and Wednesdays, 12.30. } C_1 O.

Mr. F. W. WILLIAMS.

A course embracing successively the regions of India, Japan, China, and Central Asia, with particular regard to their history since the 17th century, their governments, and their relations with European powers. The culture, faiths and sociology of existing nations in the Far East are here considered with a view of interesting those whose historical knowledge is confined to the Western world. The course is designed to stimulate further reading by students in special topics suggested by the instructor, upon which written essays will be presented and discussed. It also offers an opportunity for those contemplating missionary careers to acquaint themselves with the political and social condition of the more important foreign missionary fields.

60 *American History (Constitutional).* [Seniors.] 2 hrs.

I, Mondays and Thursdays, 10.30.
II, Mondays and Thursdays, 11.30.
III, Tuesdays and Fridays, 8.30. } D_2 O.

Professor C. H. SMITH.

Constitutional History of the United States, showing the sources and formation of the constitution in the colonial and revolutionary periods, and its operation and development in the national period. Special attention will be given to the structure and working of the Federal government.

61 *American History (Colonial).* 2 hrs.

Tuesdays and Fridays, 9.30, C_2 O.

Professor BOURNE.

This course will deal with the history of the American Colonies from the beginning of the discoveries until the end of the American Revolution. The nature and objects of colonies, the character and aims of the colonists, the reaction of colonial interests upon Europe, and the causes of the Revolution will be the leading topics.

62 *American History (National).* [Juniors.] 2 hrs.

I, Mondays and Thursdays, 9.30.
II, Mondays and Thursdays, 10.30. } A1 O.

Professor BOURNE.

The Political History of the United States from 1783 to 1885. The rise and growth of parties, the development of democracy, the influence of the westward expansion and of slavery on political life, and the origin and significance of the more important economic questions will be discussed.

IV. MODERN EUROPEAN LANGUAGES AND LITERATURE

COURSES IN THE ROMANCE LANGUAGES

*70 *Second-Year French.* 3 hrs.

Tuesdays, Wednesdays, and Fridays, 9.30, D1 O.

Mr. TAYLOR.

Reading from standard French authors; a short course in French syntax accompanied by exercises in composition and oral practice. This course is open to students who have had only one year of French.

71 *Short Masterpieces of French Literature.* 2 hrs.

Tuesdays and Fridays, 10.30, D1 O.

Mr. TAYLOR.

Rapid reading of short pieces by foremost French writers from all epochs of modern literature, beginning with the xixth century and reaching back to Montaigne in the xvith. The list of works to be read includes nearly all literary forms, and such names as Chateaubriand, Voltaire, J. J. Rousseau, Molière, Pascal, etc. The course is intended for students who, without undertaking a systematic study of the several periods of French literature, wish to become acquainted with the greatest names in each. Previous study of the language for at least two years is required.

[73 *French Literature of the xviiith Century.* 2 and 3 hrs.

A study of the works and authors of the French classic period.]

Course 73 is omitted in 1897–8, but will be given in 1898–9.

74 *Systematic Readings in the French Literature of the xixth Century.* 2 hrs.

Mondays and Thursdays, 9.30, E1 O.

Professor LUQUIENS.

Study of representative works beginning with V. Hugo and the French Romanticists and reaching as near the present day as time will allow. The reading will be in such order and accompanied by such comments and lectures as may give a clear view of French literary thought in our century. Open to students who have taken Sophomore French or the equivalent.

*75 *French Literature of the xixth Century.* 3 hrs.

Mondays, Wednesdays, and Thursdays, 10.30, E1 O.

Professor LUQUIENS.

A study of the representative French works and writers of our century. This course covers the same ground as course 74, but is conducted in French, all exercises, written and oral, being intended to impart a command of the language as well as a knowledge of the literature. Open to students who have taken Sophomore French with credit or can satisfy the instructor that they are qualified.

[*76 *French Literature of the xvith Century.* 2 hrs.

Professor LUQUIENS.

A study of the revival of French letters which followed the Italian Renaissance and the Reformation. The course will begin with a brief survey of the linguistic facts pertaining to that period and continue with the study of the poets, Marot, Ronsard, etc., and of the prose writers, especially Rabelais and Montaigne.

This course is primarily for graduate students, but is open to Seniors who have taken previously at least one elective in French literature.]

Course 76 is omitted in 1897–8, but will be given in 1898–9.

*77 *Early French Literature and Historical Grammar.* 2 hrs.

Professor LUQUIENS.

The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, and to the interpretation of the earliest texts; the rest of the year

to reading from representative productions of the xith, xiith, and xiiith centuries.

This course, like course 76, is primarily for graduate students, and open to Seniors on the same conditions.

*78 *French Literature of the xviiith Century.* 2 hrs.

Professor LUQUIENS.

First, a study of the writers who continue or modify the dramatic traditions inherited from the xviith century, Regnard, Marivaux, Voltaire, Diderot, etc. ; but the main part of the course is devoted to a study of the evolution of French thought as manifested in the works and the influence of Montesquieu, Voltaire, Diderot, J. J. Rousseau.

For graduate students and those Seniors who meet the requirement stated for courses 76 and 77.

80 *Spanish (elementary course).* 3 hrs.

Mondays, Wednesdays, and Thursdays, 9.30, K, O.

Professor LANG.

This course is open to those who have had Sophomore French or who shall otherwise satisfy the instructor of their fitness to take it. Stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Knapp's *Spanish Grammar ;* Alarcon's *El Final de Norma* and Perez Galdós' *Doña Perfecta* will be used as text-books.

[*81 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.

Professor LANG.

This and the following are literary courses, open only to such students as have passed through course 80 or who shall satisfy the instructor of their fitness by passing a special examination, evidence of which, in writing, must accompany the choice of the course.

Spanish Drama. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and *Select Plays of Calderon* (edited by Norman Maccoll, London, 1888) will be read, and lectures given on the origin and development of dramatic art in Spain.]

This course is omitted in 1897–8, but will be given in 1898–9.

82 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.

Tuesdays and Fridays, 9.30, K, O.

Professor LANG.

Spanish Fiction. Study of the Novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' *Don Quixote* (edition of Garnier Hermanos, Paris, 1875).

85 *Italian (elementary course).* 3 hrs.

Tuesdays, Wednesdays, and Fridays, 10.30, K, O.

Professor LANG.

This course is open to those who have had Sophomore French, or who shall otherwise satisfy the instructor of their fitness to take it. Stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Grandgent's *Italian Grammar;* Bowen's *Italian Reader* and *Novelle Scelte dal Decamerone* di G. Boccaccio (ed. Fornaciari), will be used.

[86 *Dante's Life and Works.* 1 hr.

Mondays, 10.30, K, O.

Professor LANG.

This and the following are literary courses, open only to such students as have passed through course 85, or who shall otherwise satisfy the instructor of their fitness to take it.

The *Vita Nuova* and selections from the *Convito* and the *Canzoniere* will be read and explained, and lectures given on Italian poetry previous to Dante and its relations to the literatures of the Provence and of France.

The editions of Fraticelli (*Opere minori*, 3 vols., Florence) will be used as texts, and Scartazzini's *Companion to Dante* (London, 1893) for reference.]

This course is omitted in 1897–8, but will be given in 1898–9.

87 *Dante's Divina Commedia.* 1 hr.

Thursdays, 2.00, K, O.

Professor LANG.

The edition of Fraticelli will be used.

[89 *Petrarch.* 1 hr.

Professor LANG.

A study of Petrarch's *Rime* and of his influence as the leader of the humanistic movement. Portions of his *Rime* will be critically read and explained, and lectures given on Petrarch's study of classical antiquity as manifested in his Latin works. G. Mestica's edition of *Le Rime di F. Petrarca* (Florence, 1896) will be used.]

This course is omitted in 1897–8, but will be given in 1898–9.

COURSES IN THE GERMANIC LANGUAGES

90 *Second-year German.* 3 hrs.

Tuesdays and Fridays, 10.30, Wednesdays, 9.30, F_2 O.

Dr. W. A. ADAMS.

Reading of short stories, a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature. Practice in writing German. Study of word-formation. Students who have already had one year of German, and wish to continue its study, will choose this course, which is open only to those who have taken elementary German in Freshman or Sophomore year, and to those who have passed the admission examination in German.

92 *Schiller, Works and Life.* 2 hrs.

Tuesdays and Fridays, 9.30, F_1 O.

Professor GRUENER.

Rapid reading of plays, poems, and prose writings of Schiller, with study of his life. The object of this course is to acquaint the student more fully with the vocabulary and style of standard German literature, and to present Schiller's character and influence as a writer and thinker. Course 92 is open only to those who have previously had at least two years of German.

93 *Prose of Modern Historians and Critics.* 2 hrs.

Tuesdays and Thursdays, 1st term, 5 P. M., 2nd term, 2 P. M. F_1 O.

Professor GRUENER.

Rapid reading of selections from history, political writings, and literary criticism. The object of this course is to acquaint

the student more fully with the historical and critical vocabularies and styles. Course 93 is open only to those who have previously had at least two years of German.

[94 *Scientific German.* 2 hrs.

Professor PALMER.

Rapid reading of extracts and monographs treating of subjects in natural science. The object of this course is to introduce the student to the more general vocabulary of modern scientific German. Course 94 is open only to those who have previously had at least two years of German.]

Course 94 is omitted in 1897–98.

95 *German Composition and Conversation.* 3 hrs.

Tuesdays, Wednesdays, and Fridays, 10.30, F_1 O.

Assistant Professor OERTEL.

For practice in speaking and writing. Course 95, conducted in German, is especially intended for those who look forward to teaching German and open to those only who have done superior work in German. Translation into German of narrative prose and of selections from history and literature; during the second term, also original essays; special topics are assigned for discussion in German.

96 *Goethe, Works and Life.* 3 hrs.

Mondays, Thursdays, and Saturdays, 9.30, F_2 O.

Dr. W. A. ADAMS.

After an outline-study of Goethe's life and development in connection with his lyric poems, his early prose writings, and his principal dramas, particular attention will be given to Faust I and II, the later prose works, and Goethe's important utterances in letters, journals, and conversations. Course 96 is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.

[97 *History of German Literature, 1624–1832.* 2 hrs.

Professor PALMER.

The development of German literature will be studied from the time of Opitz to Goethe's death. The text-books will be: Kluge's *Geschichte der deutschen National-Litteratur*, Scherer's *History of German Literature*, Max Müller's *German Classics*, and Hillebrand's *German Thought from the Seven Years' War to*

Goethe's Death. Course 97 is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.]

Course 97 is omitted in 1897–98.

*100 *Gothic, Old High German, and Old Saxon.* 3 hrs.

Tuesdays and Thursdays, 2.15 to 3.45, F_1 O.

Professor GRUENER.

An introductory course, especially for those intending to study German or English historically.

The first half-year is given to the study of Gothic and its phonological relations both to earlier Indo-Germanic and to later Germanic languages. Braune's *Gotische Grammatik*, and Streitberg's *Gotisches Elementarbuch*, or Wright's *Gothic Language Primer*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German.*

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch;* Gallée's *Altsächsische Grammatik* and Behaghel's *Hêliand.*

[101 *Middle High German.* 3 hrs.

Professor GRUENER.

Hartmann; *Der arme Heinrich* and *Iwein. Nibelungenlied.* Selected poems of Walther von der Vogelweide. Selections from Wolfram von Eschenbach's *Parzival.* Lectures and papers.]

Course 101 is omitted in 1897–98.

[102 *German Literature of the Reformation-Period (1500–1624).* 3 hrs.

Professor GRUENER.

The development of German literature will be studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read, chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.]

Course 102 is omitted in 1897–98.

[105 *Old Norse (Icelandic).* 3 hrs.

Professor PALMER.

Grammar, and reading in the Sagas and the Elder Edda.]

Course 105 is omitted in 1897–98.

COURSES IN ENGLISH

The arrangement of the courses is chronological, save for a rhetorical course at the beginning, and a general course at the end.

*106 *Rhetoric (fortnightly essays).* [Juniors.] 2 hrs.

Tuesdays and Fridays, 10.30, 176 Lyc.

Dr. BALDWIN.

First term: Argumentative essays with accompanying briefs; preliminary training, through analysis of famous speeches, in the principles of argumentation and the drawing of briefs.

Second term: (*a*) Expository essays (*e. g.* in connection with research required for other elective courses; whole term or half term), or (*b*) studies in narrative (whole term or half term), or (*c*) argumentative essays (continued from first term; first half only), or (*d*) five one-page themes a week (second half only).

Lectures on style and on prose forms. Regular hours for individual criticism.

107 *Old and Middle English.* 2 hrs.

Mondays and Thursdays, 10.30, C_1 O.

Professor COOK.

An elementary course in the beginnings and earlier development of the English language and literature. The first term is devoted to Cook's *First Book in Old English*, and *Exercises in Old English*. In the second term this will be followed by some study of the history of the language in outline, and by the reading of selections from Chaucer and other Middle English writers for linguistic purposes. This course is indispensable to all graduate students and future teachers of English.

108*a* *Chaucer.* [Juniors.] 2 hrs. 1st term.

Wednesdays and Saturdays, 8.30, F_2 O.

Assistant Professor W. L. PHELPS.

A literary study of Chaucer. Some of the *Canterbury Tales*, and the *Troilus and Criseyde*, will be read in the class-room. Chaucer as a poet, metrist, literary artist, and delineator of character. His place in English literature.

For 108*b*, see p. 82.

*109 *Troilus and Criseyde, and the Troy Story in English.* 1 hr.
Thursdays, 9.30.

Mr. BROATCH.

Chaucer's *Troilus and Criseyde*, and Shakespeare's drama upon the same theme, will be read. Reference will also be made to Caxton's *Receuil*, Lydgate's *Troy Book*, and other English versions of the story of Troy. The required reading will embrace only English texts, but lectures will be given to establish the connection between Homer and the English versions of the Troilus and Cressida story. Benoit's *Roman*, Boccaccio's *Filostrato*, and Guido's *Historia*, will be compared, in lectures, with Chaucer's and Shakespeare's versions of *Troilus and Cressida*.

110 *Elizabethan Drama.* 2 hrs.
Wednesdays and Saturdays, 10.30, A_1 O.

Assistant Professor W. L. PHELPS.

The English Drama, from the Mystery Plays to the closing of the theaters in 1642, studied both from the literary and the dramatic point of view. Plays of the pre-Elizabethan period are read and discussed briefly, with the object of getting a historical background. Some plays of all the principal dramatists from 1580 to 1640, except Shakespeare, will be read: Marlowe, Ben Jonson, Dekker, Heywood, Chapman, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley. As a rule, one play will be read for each lesson.

This course will not be given in 1898–9.

111 *Shakespeare.* [Juniors.] 2 hrs.

Professor BEERS.

Tuesdays and Thursdays, 4 (second term 2), 176 Lyc.

A rapid reading of twenty-five plays, with special reference to dramatic construction and character-presentation. Designed, in part, to lay a foundation for the further study of the drama in Senior year.

*112 *English Literature of the Seventeenth Century.*
[Seniors.] 2 hrs.
Tuesdays and Fridays, 11.30, F_2 O.

Assistant Professor W. L. PHELPS.

A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert,

Crashaw, Vaughan, Quarles, Carew, Suckling, Herrick, Cowley, Waller, Milton, Marvell, Butler, and Dryden will be read; also the prose of Burton, Browne, Taylor, Milton, Fuller, Walton, Bunyan, and Dryden. The social life of the times will be also discussed.

113 *Modern Drama.* [Seniors.] 2 hrs.

Mondays and Fridays, 5.00 (second term, 3.00), 176 Lyc.

Professor BEERS.

A course in the history of English dramatic literature since 1660, including the leading stage-plays of the 17th and 18th centuries, and the literary verse-drama of the 19th. Incidental use will be made of French and German plays that were influential in England.

114 *English Literature of the Eighteenth Century.* 2 hrs.

Wednesdays and Saturdays, 9.30, C_1 O.

Dr. H. A. SMITH.

Queen Anne poets and essayists; the beginnings of Romanticism; the development of the novel; the age of Johnson; the precursors of the nineteenth century. Among the authors specimens of whose work will be read, are: in prose, DeFoe, Richardson, Fielding, Smollett, and Johnson; in poetry, Thomson, Collins, Goldsmith, Cowper, and Burns.

115 *American Literature.* 1 hr.

Tuesdays, 12.30, A_1 O.

Assistant Professor W. L. PHELPS.

A critical study of leading American authors for the past hundred years. A large amount of reading will be required.

116 *English Poets of the Nineteenth Century.* [Juniors.] 2 hrs.

Tuesdays and Thursdays, 5.00 (second term, 3.00), A_2 O.

Mr. LEWIS.

A study of the most important works of Wordsworth, Byron, Shelley, Keats, and Tennyson; and also of limited selections from Coleridge, Clough, Arnold, Rossetti, Swinburne, Browning, and a number of the minor poets. Lectures, biographical and critical, and frequent written recitations.

*117 *English Literary Criticism of the Nineteenth Century.* 2 hrs.

Tuesdays and Fridays, 10.30, 175 Lyc.

Dr. H. A. SMITH.

The first term will be spent in a close study of Wordsworth's *Prefaces* and Coleridge's *Biographia Literaria*, with illustrative reading of some of the poetry there discussed. The second term will be spent in more rapid reading of later critical writers, including Carlyle, Ruskin, Arnold, Lowell, and Pater.

118 *Victorian Literature.* [Seniors.] 2 hrs.

Tuesdays and Thursdays, 5.00 (second term, 3.00), 176 Lyc.

Professor BEERS.

A study of certain authors, groups, and literary movements in England since 1837. (Tennyson and Browning will not be included in this course.)

108*b* *Browning.* [Juniors.] 2 hrs. 2d term.

Wednesdays and Saturdays, 8.30, F_2 O.

Assistant Professor W. L. PHELPS.

A critical study of selected poems, largely with reference to Browning's analysis of character. His philosophy of life, theory of the poet's art, personal force, and place among the poets of this century will also be considered.

This course may be taken by those only who have already pursued 108*a*.

119 *English Verse-Narrative.* [Juniors.] 2 hrs.

Mondays and Fridays, 4.00 (second term, 2.00), 176 Lyc.

Professor BEERS.

An examination of typical specimens of the metrical romance, the minstrel ballad, the epic, the tale, the fable, and other varieties of verse-narrative. The authors represented will include Chaucer, Spenser, Marlowe, Shakespeare, Dryden, Prior, Parnell, Pope, Cowper, Burns, Wordsworth, Byron, Coleridge, Tennyson, Browning, Rossetti, and Morris.

V. ANCIENT LANGUAGES AND LINGUISTICS

Within the group of classical languages and literature, students may change from one course to another at the close of the first term, provided (1) that they secure the consent of the instructors of both courses, and (2) that the change involves no conflict of hours of recitation.

COURSES IN GREEK

120 *Aeschylus and Pindar.* 2 hrs.

Mondays and Fridays, 3.00 P. M., 17 Phelps Hall.

Professor SEYMOUR.

The *Persians* and *Seven against Thebes* of Aeschylus, with special attention to the historical element in the *Persians*, as well as to the dramatic structure of the two plays.

The principal extant odes of Pindar will be read, and a sketch of Greek Lyric Poetry will be given.

121 *Plato.* 2 hrs.

Tuesdays and Thursdays, 3.00 P. M., 23 Phelps Hall.

Professor SEYMOUR.

The *Gorgias* and several of the minor dialogues will be read, chiefly with reference to the characteristics of Plato's literary style and the form of the dialogue, but without neglecting entirely the Platonic philosophy.

122 *Greek Testament.* 1 hr.

Saturdays, 9.30, 17 Phelps Hall.

Professor SEYMOUR.

A philological study of St. Paul's *Epistles to the Corinthians*, and the chief characteristics of the Hellenistic diction.

[123 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs.

Professor SEYMOUR.

The works of these poets will be read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions.]

[124 *Plato and Aristotle.* 2 hrs.

Professor SEYMOUR.

(*a*) The *Phaedo* of Plato, with an introduction to the literary and philosophical study of this author.

(*b*) The *Nicomachean Ethics* of Aristotle, Books i–iv and x, with a study of Aristotle's methods of research and statement.]

Courses 123 and 124 are omitted in 1897–8.

125 *Aristophanes. The Testimony of Old Athenian Comedy to the Political and Social Life of its Time.* 2 hrs.

Tuesdays and Fridays, 9.30 A. M., 10 Phelps Hall.

Professor PERRIN.

The *Acharnians*, *Knights*, *Wasps*, *Birds*, and *Plutus* will be read entire, together with extracts from the other plays, and some of the more notable *Fragments*. The complete Teubner text of Aristophanes (ed. Bergk, 2 vols., which may be bound in one) will be desirable for those who take the whole course, and Merry's, Graves's, and Nicolson's annotated editions of the plays read entire (Macmillan & Co., Ginn & Co.) The plays will be analyzed as artistic literary creations, and their testimony to the history of the period collated and weighed.

126 *Greek Social and Private Life.* 1 hr.

Wednesdays, 9.30 A. M., 10 Phelps Hall.

Professor PERRIN.

In close, though not necessary connection with the above course in Aristophanes, a weekly quiz, conference, or lecture will be held on the social and private life, the customs, manners, and most prevalent beliefs of the ancient Greeks, particularly of the Athenians. The Gardner-Jevons *Manual of Greek Antiquities* (Scribners, 1895) will be used as outline-guide. Supplementary reading in the best authorities, original or secondary, will be assigned, and reports on this reading, either oral or written, will be required. A reading knowledge of Latin and Greek will be desirable, but not necessary. This course cannot be divided at the winter (holiday) examinations.

127 *Greek Archaeology.* 2 hrs.

Wednesdays and Fridays, 10.30 A. M., 15 Phelps Hall.

Professor GOODELL.

An introduction to the study of Greek architecture, sculpture, and pottery, with some attention to gems, coins, metal work,

figurines, and painting, as illustrated by existing examples. Prominence will be given to the historical development of Greek artistic production and its relation to other phases of Greek life and to modern art. A good reading knowledge of French or German will be very useful, though not essential.

[128 *Sophocles.* 3 hrs.

Mondays, Wednesdays, and Fridays, 10.30 A. M., 15 Phelps Hall.

Professor GOODELL.

Reading of the seven extant plays with special attention to the artistic form, including style, treatment of the myths, management of the action, use of metres, and the like. A brief but systematic introduction to Greek rhythmic and metric will be given by lectures, combined with practice in reading the text of Sophocles; to this will be devoted one hour weekly.

This course is intended for Graduates, and for Juniors and Seniors who have done superior work in Greek.]

Course 128 is omitted in 1897–98.

129 *Lucian.*

Tuesdays and Fridays, 12.30 P. M., 14 Phelps Hall.

Professor REYNOLDS.

A general reading course in prose, with discussion of the life and times of Lucian and of his influence upon modern literature. The *Dream*, *Charon*, *Timon*, *Angler*, and *True History* will be read, with many minor pieces, including the *Dialogues of the Gods* and *Dialogues of the Dead.* The Teubner text will be used together with Williams's *Selections from Lucian.*

[130 *Euripides.* 2 hrs.

Professor REYNOLDS.

A reading course with reference to Euripides' poetic and dramatic quality. Five or six plays will be read. Discussion of the poet's relation to his own times, style, metres, dramatic innovations, and influence on the Roman and the modern dramatists, with occasional lectures.]

Course 130 is omitted in 1897–98.

131 *The Sicilian Invasion.* 2 hrs.

Mondays and Thursdays, 10.30, 8 Phelps Hall.

Mr. KITCHEL.

The Sixth and Seventh Books of Thucydides will be read. The relation of this great catastrophe to the preceding and the

subsequent history of the Athenian empire will be emphasized; the geography and topography involved will be carefully considered, and the author will be compared with the historians who preceded and followed him.

[132 *The Choephori of Aeschylus, the Electra of Sophocles, and the Electra of Euripides.* 2 hrs.

Mr. KITCHEL.

These plays, together with the *Frogs* of Aristophanes, will be read and carefully compared, with the intent of noting the development of the drama thus exhibited. The points of similarity and dissimilarity between the ancient and the modern drama will be sought for.]

Course 132 is omitted in 1897–98.

COURSES IN LATIN

140 *Cicero (Brutus), Quintilian (x and xii), and Tacitus (Dialogus).* 2 hrs.

Mondays and Thursdays, 10.30, 18 Phelps Hall.

Professor PECK.

This course will deal largely with the history and characteristics of Roman oratory.

141 *Tacitus (Annals, i–vi) and Suetonius (Augustus and Tiberius).* 2 hrs.

Mondays and Thursdays, 11.30, 18 Phelps Hall.

Professor PECK.

Special attention will be given to the political and social condition of the early Roman Empire.

142 *Early Latin.* 2 hrs.

Wednesdays, 9.30–11.20, 18 Phelps Hall.

Professor PECK.

Inscriptions and the ante-classical literature will be studied on the basis of Allen's *Remnants* and Merry's *Fragments*.

This course is open only to those undergraduates who have done superior work in Latin.

[143 *Ennius, Lucretius, Vergil, and Horace.* 2 hrs.
Professor PECK.]

[144 *The Letters of Cicero, Pliny, Fronto, and Marcus Aurelius.* 2 hrs.
Professor PECK.]

[145 *Latin Philology.* 1 hr.
Professor PECK.]

[146 *Roman Archaeology.* 1 hr.
Professor PECK.

Courses 145 and 146 can be taken by such undergraduates only as have done superior work in Latin.]

Courses 143, 144, 145, 146 are omitted in 1897–98.

147 *Latin Lyric and Elegiac Poetry.* 2 hrs.

Mondays and Thursdays, 9.30 A. M., 11 Phelps Hall.

Professors H. P. WRIGHT and INGERSOLL.

Books iii and iv of the *Odes* of Horace; selections from Catullus, Tibullus, and Propertius; Latin Hymns.

148 *Vergil.* 2 hrs.

Tuesdays and Fridays, 10.30 A. M., 13 Phelps Hall.

Professor MORRIS.

An introduction to Vergil, intended especially to give students who may expect to teach Latin an acquaintance with the best editions and commentaries and with works on special topics, the life of Vergil, the Aeneas legend, relation to Homer and the early Roman epic, mythology, Vergil in the Middle Ages. Parts of the text will be translated and compared with English translations in prose and verse, and there will be practice in reading the hexameter with reference to the teaching of scanning.

[149 *Cicero.* 2 hrs.
Professor MORRIS.

The course will be similar to the course in Vergil (148).]

Course 149 is omitted in 1897–98.

152 *Roman Law.* 2 hrs.

Mondays and Thursdays, 12.30, 9 Phelps Hall.

Dr. ROBINSON.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession. The work consists of lectures, assigned readings, and recitations upon lectures and readings.

The text of the *Institutes* of Justinian will be translated, the instructor explaining particularly the technical expressions of lawyers' Latin and lecturing upon the titles which embrace the most important principles of Roman jurisprudence. The class is not required to do philological work in this course. The study of the *Institutes* will be prefaced by lectures upon the history of Roman legislation and supplemented by reference to selected titles of the *Digest* and the commentaries of Gaius.

The Teubner text of *Justiniani Institutiones*, edited by Huschke, is used in the class-room.

153 *Latin Literature.* 2 hrs.

Tuesdays and Thursdays, 12.30, 11 Phelps Hall.

Assistant Professor INGERSOLL.

The development and history of the main departments of Latin literature. Selections from the principal writers will be read, with informal lectures. The selections read will be so chosen as not to duplicate or interfere with work in other courses.

154 *Latin Composition.* 1 hr.

Tuesdays, 3.00, 12 Phelps Hall.

Dr. A. L. WHEELER.

Preparation of written exercises based largely on some classical prose writer. These exercises will be read and criticized in class and will be supplemented by occasional lectures on Latin style, idioms, order of words, etc.

COURSES IN SANSKRIT, LINGUISTICS, AND COMPARATIVE PHILOLOGY

155 *Elementary Sanskrit.* 2 hrs.

Tuesdays and Thursdays, 2.00 P. M., 21 Phelps Hall.

Professor HOPKINS.

Instruction in Sanskrit, beginning with Whitney's Sanskrit *Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.

156 *Introduction to Comparative Syntax.* 1 hr.

Mondays, 2.00 P. M., 21 Phelps Hall.

Professor HOPKINS.

This course is complementary to course 155, but a knowledge of Sanskrit is not necessary, and it may be taken by any classical student.

*158 *Linguistics.* 2 hrs.

Thursdays, 2.00–3.50 P. M., Phelps Hall.

Assistant Professor OERTEL.

A discussion of the general principles and chief problems of linguistic science, such as sound-change, the causes of change of meaning, the fundamental facts of syntax, the relation of grammar to logic, the origin of language, the relation of linguistics to ethnology, etc. H. Paul's *Principles of the History of Language* (English translation, Macmillan) is used as a text-book, and the separate topics are critically examined. The course will be largely conducted by lectures, but will require some outside reading and occasionally the preparation of abstracts of articles, etc. The course is intended as a general introduction to the Science of Language, and no knowledge of Sanskrit is necessary for it.

*159 *Comparative Phonology and Morphology of Greek and Latin.* 2 hrs.

Assistant Professor OERTEL.

A resumé of the chief results of the modern comparative treatment of Greek and Latin sounds and inflections. For the most important questions (such as *ablaut*, palatal law, etc.), an historical sketch of the course of investigation will be given in order to illustrate method. Lindsay's *Latin Language* 1894, Brugmann's

Griechische Grammatik (in Iwan Mueller's Handbuch, vol. i, part 1, 1890, second ed.), V. Henry's *Short Comparative Grammar of Greek and Latin* (Engl. transl., Macmillan) and Bechtel's *Hauptprobleme der indogermanischen Lautlehre*, 1892, should be in the hands of the student, and considerable outside reading in these will be required. Some knowledge of Sanskrit is very desirable.

*160 *The Italic Dialects.* 1 hr.

Assistant Professor OERTEL.

After a brief survey of the peoples and languages of ancient Italy, the Oscan and Umbrian inscriptions will be read and interpreted. Students intending to take the course should provide themselves with Zvetaieff's *Inscriptiones Italiae inferioris dialecticae in usum praecipue academicum*, 1886 (Mosquae), and Buecheler's *Umbrica*, 1883 (Bonnae). A continuation of this course next year will give a systematic exposition of the Phonology and Morphology of the Italic dialects, including the Latin.

VI. BIBLICAL LITERATURE

170 *Hebrew (elementary course).* 4 hrs.

Mondays, Tuesdays, Thursdays, Fridays, 3.00, 175 Lyc.

Professor SANDERS and Dr. CREELMAN.

The first term is devoted to the mastery of the elements of etymology and syntax in connection with a detailed study of *Genesis i–iv.* During the second term the work is more diversified, including reading at sight, a careful but fairly rapid reading of easy historical passages with especial reference to forms, idioms, and simple syntax, and one hour per week of close grammatical work. After Easter some informal lectures are given on the Hebrew language.

This course prepares a student to read ordinary Hebrew with considerable ease. It is adapted to three classes of students: those who intend to enter a Theological Seminary, those whose taste for linguistic study leads them to desire to become acquainted with the Semitic family of languages, and those who desire to acquire Hebrew in order to interpret rightly the Old Testament.

171 *Hebrew Poetry, Law, History, and Prophecy.* 2 hrs.

184 Lyc.

Professor SANDERS.

Selections from the short poems found in the historical books of the Old Testament, from the legal material of *Exodus* and *Deuteronomy*, from the histories of *Samuel* and *Kings*, and from the *Minor Prophets*, giving a general acquaintance with the varied contents of the Hebrew Bible. At times stress is laid upon critical work; at other times upon rapid but accurate reading; the general purpose being to lay a broad basis for advanced work either in a Theological Seminary or in a University, or for satisfactory private study.

174 *Sight-reading in Hebrew.* 1 hr.

Wednesdays, 4.00–6.00, 175 Lyc.

Dr. DUNNING.

A graduate course, to which Seniors may be admitted who have already taken course 170. The class reads at least two hours each week, but they may be counted as the equivalent of one hour only. Special attention is paid to the acquisition of a working vocabulary. The first term is devoted to easy historical prose, the first half of the second term to selections from the prophets, the second half to wisdom- and poetical literature.

175 *Arabic (elementary course).* 2 hrs.

Tuesdays and Thursdays, 2.00, 175 Lyc.

Dr. DUNNING.

During the first term the principles of the language are mastered in connection with the careful study of the Arabic version of *Genesis i–iii.* From Christmas until Easter the class reads in easy Arabic. After Easter selected *Suras of the Quran* are carefully read. In connection with these, lectures are given by the instructor on early Arabian civilization, Arabic literature, the structure and general contents of the *Quran*, and the history of Islam.

This course affords a thorough introduction to classical Arabic. It is valuable to one interested in thorough Semitic study or to one interested in Comparative Religion, and is only moderately difficult for one who has already studied Hebrew.

176 *Assyrian (elementary course).* 2 hrs.

Tuesdays and Thursdays, 2.00, 175 Lyc.

Dr. CREELMAN.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib in the cuneiform, some copying from tablets, and lectures on Assyrian history and literature, especially in their bearing on Biblical questions.

180 *Biblical Literature (English).* 2 hrs.

I, Wednesday, 10.30, } 184 Lyc.
II, Wednesday, 12.30, }
I, II, Saturdays, 10.30, 184 Lyc.

Professor SANDERS.

A survey of the whole Bible in English from an historical and literary standpoint, the material being arranged, as far as possible, on the principle of chronological and historical connection. The course aims to promote (1) a classified and organized grasp of the contents of the English Bible, (2) a realization of the historical position and significance of the Hebrew people as a Western Asiatic and Semitic race from the earliest times to the fall of Jerusalem, A. D. 70, (3) an appreciation of the Bible as literature and as a literary whole, (4) an intelligent attitude towards the various problems raised by Biblical criticism. It is a two years' course and may be advantageously begun in either year.

The first year's course (*a*) is given in 1897-98.

(*a*) The first year's course is a study of the formative, constructive and prophetic periods of Old Testament history and literature closing with the Exile, including the *Hexateuch*, the Historical books through *II Kings*, the pre-exilic *Prophets*, *Proverbs*, the *Song of Songs*, and portions of the *Psalter*, in all, about two-thirds of the Old Testament. Much attention is paid to the assured results of Oriental exploration and to Western Asiatic history in so far as it relates to the Bible.

(*b*) The second year's course is a study of Biblical history and literature from the Exile to the close of the New Testament period, including the remainder of the Old Testament, some of the Apocrypha, and the whole New Testament. In connection with it a brief survey is taken of the Neo-Babylonian, Persian, Macedonian, and Roman empires in the East, as they affected the Biblical history.

Students in these courses have access to a carefully selected reference library and to much illustrative material. A course of illustrated University lectures is given each year, primarily for their benefit.

[181 *The Three Major Prophets (English).* 1 hr.

Dr. CREELMAN.

A careful study of the three prophetic books of *Isaiah*, *Jeremiah*, and *Ezekiel*, with especial reference to their historical setting, their contents chronologically arranged, their literary form, and their historic sequence of ideas.]

Course 185 is omitted in 1897–98, but will probably be given in 1898–99.

182 *The Minor Prophets (English).* 1 hr.

Wednesdays, 2.00.

Dr. CREELMAN.

A more careful study than is possible in course 180 of each of the Minor Prophets taken in chronological order, in connection with the survey of the general subject of Prophecy.

[183 *Messianic Prophecy (English).* 1 hr.

Dr. DUNNING.

A survey of the Messianic material in the Old Testament, so far as to show the historical development of the conception and the various forms in which it was embodied.]

Course 187 is omitted in 1897–98, but will be given in 1898–99.

184 *Old Testament Wisdom-Literature (English).* 1 hr.

Mondays, 2.00, 184 Lyc.

Dr. DUNNING.

A study of the books of *Job*, *Ecclesiastes*, *Proverbs*, and the *Song of Songs*, in connection with a survey of the character, development, and value of Hebrew speculative thought.

185 *The Pauline Epistles (English).* 1 hr.

Fridays, 2.00, 184 Lyc.

Dr. CREELMAN.

A study of the Epistles of Paul in their order.

VII. THE FINE ARTS

A course of lectures, during the second term, Tuesdays at 4.00, by Professor Hoppin, will treat of Early Italian Painting, and of modern schools of art as illustrated by individual painters such as Velasquez, Gérôme, and Burne-Jones.

190*a* *Drawing.* [Juniors.] 2 hrs.

Tuesdays and Thursdays, 2.00–3.50, Art School.

Professor NIEMEYER.

This course consists of two exercises a week, of two hours each, in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of Art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

To those who are interested in Art only as part of a liberal education, as well as to those who wish to make Art in any form a profession, this course is equally adapted. Each student's work and progress is independent of every other's in the class. Work done outside of the class-room is encouraged and carefully considered when brought for criticism.

No previous knowledge of drawing is necessary to enter this or the following course.

190*b* *Architecture.* [Juniors.] 2 hrs.

Tuesdays and Thursdays, 2.00–3.50, Art School.

Professor NIEMEYER.

This course is adapted to students who wish to prepare themselves to enter a school of architecture or an architect's office.

It consists in part of the work done in course 190*a*, to which is added the study of architectural models and historical decorations.

191 *Painting.* [Seniors.] 2 hrs.

Mondays and Fridays, 2.00–3.50, Art School.

Professor WEIR.

This course consists of two exercises a week, of two hours each, and is open only to those who have taken course 190 in their Junior year. The course consists principally of studies in Water-Color Painting, and includes lectures on the Grammar of Art, on Painting, Sculpture, and Architecture, technically considered, with a critical account of the various Schools and their representative Masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

192 *Modeling.* [Seniors.] 2 hrs.

Tuesdays and Thursdays, 2.00–3.50, Art School.

Professor WEIR.

Two exercises a week, of two hours each. This course is open only to those who have taken course 190 in their Junior year. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 191.

VIII. PHYSICAL AND NATURAL SCIENCE

COURSES IN PHYSICS

200 *Physics.* 3 hrs.

Mondays, Wednesdays, and Fridays, I. at 9.30, II. at 11.30,

Tuesdays, Thursdays, Saturdays, III. at 8.30, IV. at 11.30, Sloane Physical Laboratory.

Professor DANA, Dr. KREIDER, and Dr. GALLAUDET.

A general course, taking up first the properties of Liquids and Gases, then the subjects of Heat, Sound, Light, and Electricity; with class-room illustrations. Open to those who have not already done similar work in Junior or Sophomore year. The course is conducted in connection with the Sophomore Physics. It must be taken by all who desire to go on later with the courses in Laboratory Physics (202, 203).

*202 *Physics.* 4 hrs., *to count as 2 hrs.*

I, Mondays and Thursdays, 9.30–11.20, } Sloane
II, Tuesdays and Fridays, 9.30–11.20, } Physical Laboratory.

Professor A. W. WRIGHT.

Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

The successful prosecution of this course requires practical facility in the application of the Physics and Mathematics of the previous years, the lack of which may be made a reason for exclusion from the course.

203 *Physics.* [Seniors.] 3 hrs., *to count as 2 hrs.*

Wednesdays, 10.30–12.20, and Thursdays, 11.30, Sloane Physical Laboratory.

Professor A. W. WRIGHT.

A more advanced course of laboratory work in Physics, in continuation of course 202, and open only to those who have already pursued that course.

This course will consist of one laboratory exercise of two hours each week on Wednesdays, and one exercise of one hour each week on Thursdays. The latter will be in the nature of a recitation, discussion, or conference, with the use of some text-books, and will involve the theoretical study of special points of Physics in detail.

The course includes practical problems in physical experimentation of more elaborate character, and worked out with greater detail. Those students who make sufficient advance will be encouraged to undertake original investigations, in which they will receive necessary assistance and guidance, and will have free use of the resources of the Sloane Physical Laboratory.

COURSES IN CHEMISTRY

210 *Experimental Inorganic Chemistry.*

6 hrs., *to count as 3 hrs.*

I, Mondays and Fridays, 2.00–3.50,
II, Tuesdays and Fridays, 9.30–11.20,
I, II, Wednesdays, 3.00–4.50,
} Kent Chemical Laboratory.

Professor GOOCH and Dr. BROWNING.

Practical laboratory work, lectures, and written exercises. An introduction to elementary chemical theory, the use of symbols and equations, and the descriptive study of the elements and their compounds. While elementary and fundamental in character, this course is probably sufficient for the needs of those who desire merely a very general knowledge of the facts and methods of chemistry. It is a prerequisite to the other courses in Chemistry, and to the course in Biology (241).

211 *Qualitative Chemical Analysis.* 5 hrs., *to count as 3 hrs.*

Mondays and Thursdays, 9.30–11.20, Wednesdays, 10.30–11.20, Kent Chemical Laboratory.

Dr. BROWNING.

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. This course is of special importance to those who intend to study medicine, engineering, or the technical professions in general, or who desire to teach elementary science. It is open to those who have completed course 210.

212 *Elementary Organic Chemistry.* 4 hrs., *to count as 2 hrs.*

Tuesdays, 10.30–11.20, and Fridays, 9.30–12.20, Kent Chemical Laboratory.

Professor GOOCH.

An introduction to the study of the compounds of carbon. Laboratory work with lectures. This course is a desirable adjunct to courses 210 and 211 for those who purpose to become students of medicine or of applied chemistry, or who have a special interest in chemistry. It is open only to those who have completed course 210.

213 *Quantitative Chemical Analysis.* 6 hrs., *to count as 3 hrs.*
Tuesdays and Thursdays, 2.00–4.50, Kent Chemical Laboratory.

Professor GOOCH.

Laboratory practice in the use of the simpler methods of gravimetric and volumetric quantitative analysis. This course is intended chiefly for those who wish to study exact methods of manipulation and treatment with a view to the application of analysis to scientific or practical ends. It is open to those who, having completed course 210, have either taken course 211 previously or propose to take it at the same time.

*214 *Chemical Theory.* 1 hr.

Professor GOOCH.

This course is primarily a course for graduates, but it is also open by special permission to undergraduates who have shown an aptitude for chemistry. It is devoted to the study and discussion of the general principles and theories of chemistry. There is no laboratory work, and therefore no fee is charged.

This course will be given in alternate years.

COURSES IN GEOLOGY AND MINERALOGY

220 *Geology.* 2 hrs.

Mondays and Thursdays, 9.30, 5 M.

Professor H. S. WILLIAMS.

A course of lectures on the general principles of the science of geology. Historical geology will be studied chiefly from a geological standpoint; the special study of the relation of organisms to geology will be considered in the following course. Those students who wish to gain a thorough knowledge of both aspects of the science are recommended to elect this course in Junior year, following it with course 222 in Senior year. The lectures will be supplemented by the use of a text-book.

*222 *Geological Biology.* [Seniors.] 2 hrs.

Mondays and Fridays, 5.00, 5 M.

Professor H. S. WILLIAMS.

In this course historical geology will be studied from the biological point of view. Instead of following the ordinary method of

treatment of historical geology, organisms will be the chief objects of study, and their nature, succession, relations to environment, ancestry, and time, and the principles of organic evolution in its geological aspects, will be examined. Those wishing to make a more practical study of the subject may elect two hours additional for laboratory work. Instruction will be given by lecture, reading, and preparation of essays.

*225 *Mineralogy and Crystallography.* [Seniors.] 2 hrs., *to count as 1 hr.*

Saturdays, 9.30–11.20, 5 M.

Professor DANA.

Practical study of mineral species by means of blowpipe analysis and other methods; mathematical study of crystals by the methods of analytical and spherical trigonometry as also of their optical properties. Additional opportunity will be given to those desiring it to gain facility in the determination of minerals.

COURSES IN PHYSICAL GEOGRAPHY AND BOTANY

235 *Physical Geography and Botany.* [Juniors.] 3 hrs.

First half-year: Tuesdays, Wednesdays, and Thursdays, 5.00, 37 N. S. H.

Professor BREWER.

This course of lectures will include the elements of dynamical geology, meteorology, and of natural history, so far as is necessary for an understanding of the physical geography of the globe and the distribution of species.

Second half-year: Tuesdays and Thursdays, 2.00–4.00; Wednesdays, 2.00, 18 S. H.

Dr. EVANS.

An elementary course in the botany of flowering plants. Laboratory work and recitations. During the first eight weeks the various parts of a plant, such as seeds, stems, buds, etc., are examined and discussed, and this work is followed by a study of the ordinary native plants of the vicinity.

*237 *General Morphology of Plants.* [Seniors.] 4 hrs., *to count as 2 hrs.*

Wednesdays and Fridays, 3.00–5.00, 18 S. H.

Dr. EVANS.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life studied and compared. The course is limited to those who can show a satisfactory knowledge of the botany of flowering plants.

COURSES IN BIOLOGY

240 *Physiology.* [Juniors.] 1 hr.

Wednesdays, 2.00, B. L.

Professor CHITTENDEN.

Huxley's *Lessons in Elementary Physiology*, with occasional lectures and illustrative experiments. This course is limited to those who take course 210, and is designed as a preparation for courses 241*a* and *b* of Senior year, *and is open only to those intending to take these courses.*

241 *Elementary Anatomy, General Biology, and Physiological Chemistry.* [Seniors.] 4 hrs.

Mondays and Fridays, 2.00–3.50; Tuesdays and Thursdays, 3.00–4.50, B. L.

This course is open only to those who have taken courses 210 and 240 in Junior year.

First term : *Elementary Anatomy and General Biology.*

Professor S. I. SMITH.

Four exercises a week, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals and in vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations.

Second term : *Physiological Chemistry.*

Professor CHITTENDEN.

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nervous tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and so far as the time allows, of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

A short course of lectures by Professor Smith on Embryology, and a somewhat longer one by Professor Chittenden on Experimental Toxicology (Tuesdays, Thursdays, and Saturdays, 8.10 A. M.), are also open to students in the above course.

A laboratory fee is charged for course 241. The student in addition must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

243 *Anatomy.* [Seniors.] 2 hrs.

Wednesdays, 11.30, and Saturdays, 9.30, Medical School.

Professor FERRIS.

A general course in Human Anatomy adapted to the demands of students in biology.

IX. MATHEMATICS

250 *Calculus.* 2 hrs.

I, Mondays and Thursdays, 9.30,
II, Tuesdays and Fridays, 9.30. } B_2 O.

Professor PHILLIPS.

The elementary problems of differentiation and integration; with applications to the expansion of functions into series, problems of maxima and minima, curve tracing, the rectification of curves, the quadrature of plane surfaces and surfaces of revolution, and the cubature of volumes. Osborn's *Calculus* will be used as a text-book.

251 *Analytical Geometry.* 3 hrs.

Mondays, Wednesdays, Thursdays, 2.00, E Alumni Hall.

Messrs. W. M. STRONG and WESTLUND.

This course is intended as an introduction to modern ideas on the subject. Beginning with elementary motions in determinants, numerous applications to geometry will be discussed. Then the idea of coördinate will be generalized, leading to line coördinates and the principle of duality. The last mentioned fundamental notion will be held constantly in mind throughout the course. Next will be developed the elements of analytical projective geometry, in which pencils of lines, ranges of points, anharmonic ratios, and their treatment by homogeneous coördinates will be discussed. The latter will then be extended to two dimensional configurations, and the abridged notation will be introduced with numerous examples. Next the idea of invariant in connection with group of transformations will be introduced, with a careful discussion of the case for one and two variables; special care will be devoted to this part of the course. The remainder of the year will be devoted to analytical geometry of three dimensions.

252 *Advanced Calculus.* 3 hrs.

Mondays, Thursdays, Fridays, 5.00, E Alumni Hall.

Assistant Professor PIERPONT :—

This is a continuation of Calculus course No. 250, and is thus open only to those who have taken that course or its equivalent. The usual topics of an advanced course will be treated, but the following may be specially mentioned: the development of a function into series, the differentiation and integration of infinite series, indeterminate forms; definite integrals, change of variables and differentiation of such integrals, double integrals and change of order of integration; line and surface integrals, and investigation of definite integrals, either when the interval of integration becomes infinite or the intergrand becomes infinite or discontinuous. The last part of the course will be devoted to an introduction to the theory of such differential equations as present themselves in Mechanics and Mathematical Physics. Instruction will be given by lectures. Examples taken from actual problems in pure mathematics and physics will be assigned students to work out, and of the three exercises of each week, one will be spent in this work. The following works may serve as books of reference: A. Harnack—*Differential and Integral Calculus;* Stegemann, Kiepert—*Differential und Integral Rechnung;* Picard—*Traité d'Analyse.*

253 *Vector Analysis.* [Seniors.] 2 hrs.

Mondays and Thursdays, 3.00, Sloane Physical Laboratory.

Professor GIBBS.

First term:

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

Second term:

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed for an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

Those who propose to take the following courses, 257 and 258, must consult Professor Phillips beforehand, whose approval, in writing, is required.

*257 *Descriptive Geometry (elementary course).* 3 hrs., *to count as 2 hrs.*

I, Mondays and Thursdays, 4.30–6.
II, Tuesdays and Fridays, 4.30–6.
III, Mondays and Thursdays, 2.00–3.30.

Professor C. B. RICHARDS.

Course 257 includes the principles of Orthographic Projection, the intersection and the development of surfaces. Open only to a limited number of those who have studied the Mathematics of Sophomore year.

*258 *Applied Descriptive Geometry.* 4 hrs.

I, Tues., Thurs,, Sat., 8.30–10.30, Wed. 11–1.
II, Tues., Thurs., Fri., Sat., 11–1.
III, Mon., Wed., 8.30–10.30, Tues., 9.15–10.15.

Professor C. B. RICHARDS.

Course 258 is a continuation of the work in course 257 and is open only to a limited number of those who have taken that course.

260*a* *Descriptive Astronomy.* 3 hrs. 1st half-year.

Mondays, Wednesdays, Thursdays, 10.30, A. O.

Assistant Professor BEEBE.

Intended principally for the study of topics connected with the historical and physical side of astronomy. Only so much mathematical work is introduced as is essential to an understanding of such topics. Text-book: Young's *Elements of Astronomy.*

Opportunity will be given for study of constellations and observation with the telescope.

The only courses in the second half-year open to those who choose course 260*a* are Surveying (260*b*) and Botany (235*b*).

260*b* *Surveying.* 5 hrs., *to count as 3 hrs.*, 2d half-year.

Assistant Professor BEEBE.

Mondays, 10.30, Wednesdays and Fridays, 2.00–3.50, A. O.

One, or sometimes two hours per week are given to recitations. The other exercises are in field- or office-work during the afternoons, each exercise occupying not less than two hours.

Field-Work: The ordinary operations of land-surveying, leveling, and elementary topography, involving the use of the chain, compass, surveyor's level, transit and plane table.

Office-Work: Plotting surveys from the field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; examination of instrumental errors.

Text-book: Johnson's *Surveying.*

[262 *Practical Astronomy.* 2 hrs.

Tuesdays and Fridays, 10.30.

Assistant Professor BEEBE.

This course is open only to those who have taken course 260. It consists of observatory work with astronomical transit and chronograph for determination of sidereal and standard time, and with sextant and theodolite for determination of latitude and azimuth, numerical computations for reduction of observations, derivation of formulae, and recitations from Loomis's *Practical Astronomy.*]

This course is omitted in 1897–8.

X. MUSIC

270 *Harmony.* 2 hrs.

Tuesdays and Thursdays, 4.00, 3 Tr.

Professor PARKER.

The study of chords, their construction, relations, and progressions.

The course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* (Breitkopf & Härtel, New York and Leipsic) is used as text-book.

271 *Counterpoint.* 2 hrs.

Tuesdays and Thursdays, 3.00, 3 Tr.

Professor PARKER.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

272 *Strict Composition.* 2 hrs.

Tuesdays and Thursdays, 2.00, 3 Tr.

Professor PARKER.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four- and three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material. This course is preparatory to course 275. No text-book is used.

274 *Instrumentation.* 2 hrs.

Wednesdays and Fridays, 3.00, 3 Tr.

Professor PARKER.

This course is open only to students who have done the work of courses 270 and 271, and it is strongly recommended that course 272 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classics and modern composers, in the analysis of scores, etc., etc.

275 *Free Composition.* 2 hrs.

Wednesdays and Fridays, 2.00, 3 Tr.

Professor PARKER.

This course is intended primarily for graduates, and is open only to students who have done the work of courses 270, 271, 272, and 274, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

276 *Practical Music.*

Professor SANFORD.

Instruction is given in Piano-, Organ-, and Violin-playing to a limited number of students. Fees range from $50.00 to $150.00 for the college year.

XI. PHYSICAL EDUCATION

280 *Physiology and Gymnastics.* 2 hrs.

Dr. SEAVER and Dr. ANDERSON.

This course is designed for those who intend to teach gymnastics or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows:

1 *Physiology.*

Thursdays, 7.00 P. M., University Gymnasium.

This work consists of one recitation or lecture a week with Dr. Seaver, during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology; special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The third term is given to a study of sanitary science. Collateral reading will be required during the third term.

2. *Principles and Practice of Gymnastics.*

Mondays and Thursdays, 11.30 A. M., University Gymnasium.

Under this head will be discussed by Dr. Anderson (*a*) the scientific basis of physical training; (*b*) history of gymnastics and growth of the various systems; (*c*) means employed, such as apparatus and appliances; (*d*) physical examinations and measurements; (*e*) pedagogy of gymnastics. Required text-book, Anderson's *Gymnastic Terminology* and *Methods of Teaching Gymnastics.*

Members of the class will be called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

XII. MILITARY SCIENCE

290 *Military Science.* [Seniors.] 1 hr.

Mondays, 4.00 (Second term, Mondays and Tuesdays, 5.00), B_2 O.

Professor MURRAY.

First term: One lecture a week on the following subjects: Organization of armies; Discipline; Administration; Logistics; Marches; Advanced and Rear Guards; Outposts, Patrols; Artillery, Cavalry, Infantry; Strategy; Field Engineering; The Battle. A written examination is held at the end of the first term, to cover the subjects lectured upon.

Second term: A drill of two hours per week in the school of the soldier and company.

In addition to the above, a thesis upon some military topic is required to be submitted to the Professor of Military Science by each student who elects the course, on or before June 1, 1898.

The following statements are added to explain the general aim and scope of the instruction in some of the leading subjects of study.

GREEK—During the first two years, the student reads five or six books of Homer, dramas of Aeschylus, Sophocles, and Euripides, one or two comedies of Aristophanes, selections from the history of Herodotus, one or more orations of Demosthenes, Isocrates, or Lysias, the Apology or some dialogue of Plato; occasionally, the *Symposium* of Xenophon or selected dialogues of Lucian. These works are selected with a view to making the student familiar with the leading branches of Greek literature, and the most interesting phases of Greek life and thought. The most important grammatical principles are reviewed in Freshman year; in Sophomore year, grammatical questions are discussed rarely, except as they are necessary for the interpretation and illustration of the author's meaning. In reading the works of the poets, less attention is paid to linguistic and grammatical points than to their literary quality, to the structure of the poems, to poetic words, forms, arrangement of words, rhythm, and constructions; but the growth and development of the language are discussed as well as the development of the literature. In reading the orators and historians, the connection of thought and of events is made prominent. Greek prose composition is practiced so far only as to aid the student in reading Greek authors, and to quicken his perception of nice distinctions in the order and choice of words and construction.

In the optional courses of the Junior and Senior years, the student has the opportunity of reading the works of the lyric poets, other Greek dramas, and other dialogues of Plato, parts of Aristotle (his *Politics* and *Ethics*), and the *Idyls* of Theocritus; as well as of studying Greek inscriptions, and of doing more critical work on the Homeric poems than is suited to the first College year; also of learning the Modern Greek language. The history of Greek philosophy is studied. Students may also attend Professor Hoppin's fully illustrated lectures on Greek art, in the Art School.

LATIN is continued as a required study till the close of the Sophomore year, when it is intended that the student shall have gained clear conceptions of the genius of the language and its relations to other ancient and to modern tongues, a good knowledge of the characteristics of Latin literature and the essential facts of Roman history, and some appreciation of the position of Rome in the history of civilization. That subsequent reading of the language may be more easy and more exact, due attention is given in the early part of the course to forms, constructions, and idioms. From term to term the study of the liter-

ature is made more prominent, and particular texts are treated as means for the study of the public and private life of the Romans. Instruction is given mainly by recitations, but such work is supplemented by occasional lectures by the instructors and by conferences on papers presented by the pupils. In connection with the minute study of the authors, considerable time is given to oral and written reading at sight, and to composition in Latin.

For Juniors and Seniors who desire to continue their Latin studies, parallel courses are offered by different instructors, with different ends in view and by different methods. The characteristic of a course may be, *e. g.*, literature, or history, or philology, or antiquities, or the speaking and writing of Latin; and the methods of preparation and the class-room treatment vary accordingly. Topics suggested by the nature of the courses, or by individual tastes and intentions, are assigned to students, and papers thus prepared are discussed before the class. Lectures and the rapid reading of large amounts of texts are more frequent than in the prescribed courses. The connection of Latin with English is emphasized, and written translations are from time to time required and criticized with reference both to their faithful reproduction of the Latin thought and their idiomatic English. German annotated editions are often used, not only for their intrinsic helpfulness, but also to encourage the practical use of that language. Students who give evidence of unusual capacity and attainments may be admitted to membership of graduate classes.

MATHEMATICS—In Geometry the exercises consist in recitations from the text-book, the original demonstration of theorems, and applications of the principles to the solution of numerical problems.

After the student has gained facility in the use of trigonometrical tables, the principles of Plane Trigonometry are applied to the problems of Mensuration, Surveying, and Navigation, and likewise those of Spherical Trigonometry to the elementary problems relating to the celestial sphere.

In Mechanics, the elementary principles of Kinematics, Kinetics, and Statics, in reference to solid bodies, are presented with practical applications.

In Algebra the elementary principles of the theory of equations are illustrated graphically, and the student is exercised in the numerical solution of equations of the higher degrees and the graphical representation of the relations of quantities.

In Analytical Geometry the student is carried through the elementary properties of the lines and surfaces of the second degree, and is introduced to the theory of map-projection.

In the Junior and Senior years opportunity is given in the elective courses to obtain a wider knowledge of Algebra, and also of Analytical Geometry and Trigonometry with their applications to Navigation, Geodesy, and Astronomy. A course is provided in Junior year in Differential and Integral Calculus, designed for such as expect to make a serious study of any department of pure or applied mathematics.

There is also a course in Descriptive Geometry which includes the fundamental principles of orthographic projection, shades and shadows, and linear perspective. This course is open to those who have taken the mathematics of Sophomore year.

In Senior year advanced subjects in the Calculus and the elements of Analytical Mechanics form one line of study.

A course introductory to General Analysis forms another line. This is intended as a preparation for courses in the Theory of Functions, and other advanced work in Analysis.

An elementary and an advanced course are provided in what is called Vector Analysis. The object of these courses is to introduce the student to the methods of multiple algebra in geometry, mechanics, and physics. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's. The elementary course is confined to the simplest algebraic relations of vectors. The advanced course includes differentiations with respect to position in space, and the theory of linear vector functions.

Students who show special aptitude are exercised in the working up of subjects which require the use of the library and more prolonged investigation than the daily exercises of the class-room. Such work begins in Freshman year. There is a considerable collection of models which are used to assist the imagination in the various branches of study.

ENGLISH—The required study of English literature occupies three hours a week through one-third of Freshman year. This work has as its object to make every student intimately acquainted with a part of the works of the greatest of English writers, by forming the habit of reading them critically and with a thorough understanding of every sentence; this end is sought to be attained by class-room discussion of six representative plays of Shakespeare, attention being paid to close interpretation of the text, development of plot, analysis of character, and general aesthetic criticism.

In Sophomore year the following authors are read: Spenser, Shakespeare, Milton, Addison, Swift, Pope, and Gray. The literary history of England in the sixteenth, seventeenth, and eighteenth centuries is

also studied, chiefly with reference to the interpretation of these authors and to the criticism, both historical and aesthetic, of the works read by the class. The Sophomore course in rhetoric aims at a general training in fundamental principles, and a special training in exposition. The weekly recitations and lectures are auxiliary to the individual instruction given in conference on frequent essays.

The DeForest, Townsend, TenEyck, Betts, and McLaughlin prizes (pp. 134–35) are under the superintendence of the Instructor in Rhetoric, and are intended as a stimulus to sound and creditable work in composition.

For the present year a prize in poetry, of the value of fifty dollars, is offered to the University by Professor Cook.

The strictly elective work in English (the Sophomores elect five out of six subjects) follows four different, though related, lines. Instruction is offered in the earlier stages of the language, with reference as well to the reading of the older literature as to linguistic discipline; in rhetoric; in literary criticism; and in the study of various periods, classes of writers, and individual authors.

The course in Old and Middle English is intended to impart a general view of the history of the language, and the elementary knowledge essential to the reading of pre-Chaucerian authors as well as to the fuller understanding of Chaucer himself; this course is especially recommended to all those who look forward to the teaching of English, whether in college or secondary school.

The course in rhetoric is intended to complete the general training of the Sophomore year, and to provide systematic practice and criticism in any prose form.

The course in literary criticism, after a careful discussion of Wordsworth's poetic theory, and of Coleridge's comments thereon, seeks to trace the course of critical thought in England through the present century, with special reference to its modification by current thought in other channels, and to the development of realism, impressionism, and other recent theories of literary criticism.

The chief periods of English literature, with reference to which instruction is at present provided, are: the seventeenth, the eighteenth, and the nineteenth centuries, and within the last the Victorian period. The chief classes of writers examined are the Elizabethan and the modern dramatist; the writers of verse-narrative; and the leading American authors. The chief individual authors studied are Chaucer, in two different courses, Shakespeare, Milton, Bacon, and Browning.

The larger number of the courses in English are intended to be disciplinary, as well as instructive; in other words, they have in view the development of insight and power no less than the imparting of information.

GERMAN—The student who has passed the admission examination in German, may continue the study of German during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in German may, if he desire, begin the study of German in either Freshman or Sophomore year, and pursue it for four or for three years; no elementary instruction in the language is given to Juniors or Seniors.

The courses of work for the successive years may be outlined as follows. During the first year the work consists of German grammar, translation of easy English phrases, sentences, and connected prose into German, and of easy German prose into English. Constant sight-translation is used as a means for developing and strengthening the student's vocabulary and for freeing him from dependence upon the lexicon and from the word-by-word methods which its use encourages. Especial care also is devoted to pronunciation. The work of the second year continues and extends that of the first year, taking up the translation of more difficult German prose, both with previous preparation and at sight, the study of word-formation, and the translation of more difficult English prose into German. Throughout the two years the aim in reading German is to cover as much ground as possible—from 500 pages upwards—in the belief that thereby the student will acquire more command of the language than when a smaller amount is read with rigid attention to grammatical details. It is expected that at the end of the second year the student will have adequate preparation for the use of the language in his work in other branches of study. Those, therefore, who are studying German solely for this end in view may perhaps discontinue class-study at this point; but no student should begin the language unless he expects to devote at least two years to its study.

For the remaining years the courses vary from year to year; but opportunity is given for the critical study of works of leading authors, and for the study of periods in the history of German literature. Advanced courses are offered also in earlier German literature and in the historical development of the language.

German readings are given by the instructors, outside of the regular College work, and a course in advanced composition is given, in which German alone is spoken. German is constantly read aloud in the class-room, and efforts are made to improve the student's pronunciation and to help him to acquire some facility in expressing his ideas in German. But it is not a leading aim in the instruction in German to enable the student to converse in that language. Training in the ordinary conversational idiom may be had more profitably elsewhere and cannot form any considerable part of the class-room work. The student may acquire the language as a tool for use in other departments of study, and may come in contact with the best works of Ger-

man literature, studying their form and contents, and the lives and environment of their authors; fluency in conversation must be acquired where the conditions are more fitted to the object which they are to effect.

ROMANCE LANGUAGES (FRENCH, ITALIAN, SPANISH)—The student who has passed the admission examination in French, may continue the study of that language during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in French, may, if he desire, begin the study of French in either Freshman or Sophomore year and pursue it for four or three years; no elementary instruction in the language is given to Juniors or Seniors.

To the student properly equipped, *i. e.*, who has had two years of French in College, or the equivalent, the following Junior and Senior electives are open from which he may choose according to his special wants with the advice of the department: (*a*) linguistic courses conducted in French and combining the study of some literary topic with practice in speaking and writing; (*b*) literary courses, in which the leading writers of one specific period are read and studied; (*c*) philological courses, for students who intend to teach and, in general, those who wish to study the origin and growth of the language and its earlier literature.

Barring exceptional cases, the study of Spanish and Italian cannot be begun before the Junior year, but if begun then, it can be continued to the end of the college course.

PHYSICS—The instruction in Physics is begun in Sophomore year, with a course, extending through the year, of three exercises weekly. This is a general course, conducted by recitations, liberally illustrated by means of apparatus and experiments, and by occasional lectures. The object is to give a broad general view of the subject, to make the student familiar with the fundamental principles of the science, to enable him to understand something of the methods of experiment and reasoning by which physical laws have been established, and to give him an insight into the processes by which accuracy is attained in physical work, and the degree to which it may be carried. The work serves also as the introduction to, and foundation for, the more advanced courses offered in Junior and Senior years, in which the student may pursue lines of work in general and theoretical Physics of a higher grade, or may take up practical work in the Sloane Physical Laboratory, beginning with the course in Junior year, and continuing the work, of a more advanced character, during Senior year, as is described in the list of elective courses.

CHEMISTRY—This study is optional. A course in experimental inorganic chemistry is open regularly to Juniors and Seniors, and by permission to Sophomores and Freshmen who, having been excused upon examination in advance from a part of their required work, desire to prepare themselves for the subsequent pursuit of advanced scientific studies in which some knowledge of chemistry is necessary or desirable. Those who wish to master during the college course certain branches of knowledge which—like qualitative and quantitative chemical analysis, organic chemistry, biology, physiology, and physiological chemistry—are directly anticipatory of work otherwise required in the medical or technical schools, should take this course as early as possible. It is a prerequisite to the other courses in chemistry and to the course in biology, and is desirable for those who propose to study mineralogy and geology. Instruction is given by lectures and laboratory practice; and frequent examinations, written or practical, serve to review and emphasize essential principles and facts as well as to test the progress of the student.

Other courses, open to students who are familiar with the subject-matter of the first course, offer instruction by lecture and laboratory practice in the ordinary processes of qualitative analysis, in the preparation and study of the compounds of carbon, and in the exact methods of gravimetric and volumetric quantitative analysis. A lecture-course in chemical philosophy deals with modern methods and theories. It is the aim of all these courses to teach facts and principles inductively and experimentally.

Candidates for special honors in physical science who have the requisite standing and who desire to present their theses in chemistry, may undertake (under guidance) the solution of problems demanding original thought and investigation.

GEOLOGY—The instruction in this department is designed primarily to acquaint the student with the fundamental facts of the constitution of the earth, the arrangement of its parts, and the materials and forces which have been and are the basis of its history. As far as practicable the class-room instruction will be supplemented by the use of specimens such as are found in the museums or such as make up the geological features of the vicinity of New Haven. The facts and phenomena of the science will also be used as an introduction to the methods of making observations, of deriving from them correct scientific notions, and in general as a means of the exercise and development of the faculties of inductive reasoning. Students prepared for the work will be encouraged to make special investigations in the lines of historical geology and the history of organisms, for which the facilities are ample, and in other special problems of structural geology well exhibited in and about New Haven.

POLITICAL SCIENCE AND LAW—An elementary course in Economics is provided, which treats not merely of the general principles of the science, but of some of the most important practical applications in Finance and Legislation. Hadley's *Economics* is used as a text-book, and is supplemented by constant lectures and discussions. Those who take Economics in Junior year have an opportunity in Senior year to become acquainted with the history of the science and the controversies now going on in it, and to study more thoroughly special topics. In the course in Anthropology they are also offered an opportunity to become acquainted with the new sciences whose investigations are so important for the whole field of social science.

The course in Law treats of municipal and international law as parts of a liberal education. The object is to study civil institutions, both in their theory and in their positive form. The instruction is elementary, dealing with the fundamental facts and principles which underlie the civil polity of the American State, and is intended to give the student a correct knowledge of such essential facts about the life of the State and its accepted doctrines, as every educated man should possess, as well as to lead up to the professional study of law.

MENTAL AND MORAL SCIENCE, AND PHILOSOPHY—The courses in this branch of study begin in Junior year, and continue until graduation. During Junior year, three hours each week of class-room work in Logic, Psychology, Ethics, and the Evidences of Religion, and during Senior year two hours each week of class-room work in Philosophy, are required of every student; the remainder of the work in these and kindred subjects is elective.

LOGIC—This is a required course, beginning in the Junior year. It aims at a thorough knowledge of the principles of deductive and inductive reasoning. In Deductive Logic special attention is given to an analysis of the syllogism as well as to a study of its functions and logical value. Oral and written discussions of examples of deductive argument constitute a considerable portion of the work of the class. In Inductive Logic the problems, grounds, and principles of induction are discussed. A great deal of attention is given to familiarizing the students with the principles and methods of scientific investigation. Essays on observation, experiment, classification, hypothesis, etc., are required. The work in Logic includes an examination of recent logical theories.

The course in Deductive Logic is based on Jevons-Hill's *Elements of Logic;* in Inductive Logic, on Fowler's *Inductive Logic.*

PSYCHOLOGY—Required work in this subject begins in Junior year and consists of three exercises a week, continued through rather more

than half the college year. Although the course is taught with constant use of a text-book, upon which recitations are exacted, considerable time from the first is taken by the teacher in oral instructions, critical or supplementary of the text. Attention is called to the most recent advances in experimental psychology, and to the educational bearings of the subjects treated. This systematic instruction in general psychology is supplemented by a course of lectures on the structure and functions of the nervous system, the end-organs of sense, and selected topics in general psychology, including the psychological bases of ethics and of theism. The most important of the older and newer works on psychology are placed in the University Reference Library for the use of students, who are urged to do side reading in connection with the class-room work. The course in Physiological and Experimental Psychology extends through the entire year and is taught by lectures and recitations; it is illustrated by constant use of models, charts, histological preparations, apparatus for mixing color-sensations, etc. It is designed to go briefly over the whole ground of the modern experimental and physiological study of mental phenomena; especially as regards reflex and automatic cerebral action, the localizing of cerebral function, the quality and quantity of sensation, psychometry, and the physical basis of the higher faculties. It may be elected either in the Junior year as preparatory, or in the Senior year as supplementary, to the required course in introspective Psychology. The newly equipped laboratory furnishes facilities for performing the experiments before the class.

History of Philosophy—The study of this subject is confined to the Senior year. In the study of the History of Greek Philosophy the principal emphasis is laid upon Plato and Aristotle, and upon the post-Aristotelian Schools, as illustrating the permanent and most interesting problems of Philosophy.

The course in Modern Philosophy extends through the whole of the Senior year. The subject is taught both by recitations from the text-book, with accompanying remarks from the teacher, and by lectures. Effort is made to secure from each pupil the careful reading of at least one work of some prominent philosopher of the period considered in the class-room. Special emphasis is laid upon the philosophy of Kant. It is a constant aim to trace the development of modern speculative thought so as to throw light upon the principal questions in debate among present writers in philosophy.

Philosophy—In addition to the study of Philosophy as connected with the problems of rational Psychology, and as illustrated and enforced by the history of the development of Philosophy, the works of one or more of the leading authors are read and discussed, with such

students as take the elective courses opened for this purpose. In this way the more general studies in Metaphysics and Ethics are supplemented by special information regarding selected subjects and writers.

MORAL SCIENCE, as a study, is intimately connected with the instruction in Psychology and Philosophy, as its foundations are discovered in the constitution of the human soul, and its method and fundamental relations are justified and enforced by those principles which are essential to all scientific thinking. In the department of Moral Science and of Practical Ethics, a somewhat thorough course is required of the entire Junior class, as an essential element of a thorough education and an important condition for practical usefulness. This general course is supplemented by special classes in scientific and practical Ethics, and particularly in the history and criticism of ethical theories, which are maintained through the year.

MUSIC—The department aims to provide adequate instruction for those who intend to become professional musicians, either teachers or composers, and to offer a complete course of study to such as intend to devote themselves to musical criticism and the literature of music. In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

SPECIAL HONORS

Special Honors are conferred at the end of Senior year.

One-year and two-year honors may be taken in the following groups of studies:

(1.) Philosophy. (2.) Political Science and Law. (3.) History. (4.) Modern European Languages. (5.) English. (6.) Ancient Languages. (7.) Natural and Physical Science. (8.) Mathematics. (9.) Music.

A candidate for a one-year honor must pursue with distinction in his Senior year, and a candidate for a two-year honor in his Junior and Senior years, courses (whether prescribed or elective) amounting to an average of at least six hours per week in one of the specified groups. For a two-year honor the work must be so distributed that an average of at least four hours per week is taken in Junior year.

In History, courses *taken in Junior Year* may be counted as part of the work for two-year honors in Political Science and *vice versa*.

In Biblical Literature, course 180 may be counted as a part of the work for two-year honors in History.

In Classics, Modern Languages (exclusive of English), and Mathematics, two-year honors will not be given unless the work in those subjects amounts to four hours per week in each year.

In Music, one-year honors will be given for distinguished work on the completion of course 271, and two-year honors on the completion of all the courses offered to undergraduates.

Students taking a sufficient number of hours in any group may by that fact be considered as candidates for honors in that group.

A candidate's whole work in any group, though it may be more than the minimum requirement for an honor, will be reckoned as a competition for the honor.

A candidate for either honor must present a meritorious thesis before June 1, of his Senior year.

[In the department of Modern European Languages, elementary French and German will not be reckoned for honors. In the department of Mathematics, no student will be considered a candidate for honors unless he has taken the Calculus.]

TERMS AND VACATIONS

THE PUBLIC COMMENCEMENT is held on the last Wednesday in June. The first term begins thirteen weeks from the day after Commencement-day and continues twelve weeks; the second term begins on the Tuesday after the first Thursday in January and continues until Commencement-day with a Spring Recess—of eight days—including Easter. (See Calendar, p. 6.) The exercises of each term begin with prayers in the Chapel.

PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel, with reading of the Scriptures and singing, every week-day at 8.10 A. M., at which service the attendance of the students is required.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained on presenting to the Dean or Division Officer a written request therefor from the parent or guardian.

THE YALE YOUNG MEN'S CHRISTIAN ASSOCIATION, with a membership of over one thousand, has its headquarters in Dwight Hall, which was erected in 1886, through the generosity of Mr. Elbert B. Monroe, of Southport, Connecticut. This is a fine, stone building, situated on the College square, and admirably adapted to be the center of the social religious life of the University ; it contains a convenient reading-room, a carefully selected library, a large hall for general religious services, and separate rooms for the prayer meetings of the various classes.

The Dwight Hall lecture course, the devotional meetings, the classes for Bible study, and the mission-work carried on by the students, have come to be prominent features of Yale life.

LIBRARIES AND READING-ROOMS

The Library of the University, containing over 235,000 volumes, is open every week-day to all the students for consultation and for the drawing of books ; in a separate part of the building is the Linonian and Brothers Library, a collection of about 20,000 volumes in general literature specially selected for the use of the undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening without charge. There are also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

GYMNASIUM

The Gymnasium is designed to provide all students of the University with opportunities not only for general exercise, but also for means of caring for the body with a knowledge of hygienic laws. It also provides for specific training in view of any physical defects that may be remedied by rational superintendence.

The Department is under the supervision of a Director, assisted by two Associate Directors, both of whom are regularly educated physicians.

The gymnastic training is designed to be progressive from year to year. The members of the different classes may take exercises in the various forms of gymnastics under the instruction of the Directors, and any student may enter the classes in general gymnastics. An instructor is always present in the main exercise-hall to direct individual or class work. All students requiring such care are assigned exercises suited to their special needs.

A thorough physical examination and measurement is offered each student yearly, and a record of the results is kept as a basis of advice as to exercise and regimen An examination of these records shows that the standard of health of the average student improves during his college course.

For the welfare of the students the following rule has been passed by the Corporation :

> Required that every man who presents himself for exercise in the gymnasium, or who desires to use its privileges, should first submit to a physical examination by one of the Directors ; or, in default of such an examination, should bring from his physician a written certificate (the form to be furnished by the Director) that he is physically sound ; or a written certificate from his parent or guardian that he wishes the student excused from the examination and that he himself will take the responsibility of exercise without a previous examination.

An elective course is provided for the Senior class as set forth in the prospectus of elective studies. (See course 280.) This provides training in hygiene and gymnastics

for those who intend to teach or to supervise the work of physical training in educational institutions. Dr. Seaver gives a course of lectures on elementary physiology and sanitary science. Dr. Anderson gives lectures and lessons in the theory and practice of gymnastics.

There are several prizes offered for excellence in physical work.

Members of other Departments may avail themselves of the use of the Gymnasium, including advice from the directors, use of apparatus, the Turkish baths, showers, bowling-alleys, etc., on the payment of a small fee.

The new Gymnasium, erected by graduates for the use of the University, was opened in 1892. The arrangement of the building is in general as follows: the location is on the north side of Elm street, and the front is 138 feet, while the depth is 86 feet. The entrance is by an archway at the east end, which leads through the building to a large lot in the rear that affords room for outdoor exercises, such as throwing the hammer, putting the shot, hurdling, pole-vaulting, jumping, etc.

The basement is reached by an entrance from the lot, and contains an engine-room, laundry, a bath-room with twelve tubs, each provided with a shower and douche, toilet-rooms, a room with two bowling-alleys, and a room for base-ball teams.

The first floor contains the spacious entrance-hall, or vestibule, a dressing-room for athletes, with bath and toilet-rooms for their special use, a complete equipment of lockers, baths, a swimming-pool (28 x 50 feet), Turkish bath, and two rowing-tanks large enough for eight-oar crews.

The second floor is occupied by offices, club-rooms, and a large dressing-room, with shower-baths and toilet-rooms adjoining. This room now has over one thousand ventilated lockers, with space for a thousand more whenever they may be needed.

The Gymnasium is open from 9.30 in the morning until 9.30 at night. Graduate and undergraduate students are

entitled to the use of the tub and Turkish baths upon the payment of a small fee.

EXPENSES

The Treasurer's bills are made out and delivered to the students, or *(request to that effect being made)* mailed to the parent or guardian, three times a year, viz.: at the beginning of each term or half-term, at which time they are payable. If not paid before the end of the month following the month in which they are issued, the student will not be permitted to attend recitations until his bill shall have been paid, and in the allotment of college rooms will not be permitted to retain or choose a room. Drafts on New York, Boston, and Philadelphia are received at par.

The annual charges for tuition are one hundred and fifty-five dollars. Of this amount fifty-five dollars are payable at the beginning of the first term, and fifty dollars at the beginning, and again at the middle of the second term. An additional charge of eighteen dollars is made in the last bill of the Senior year to cover expenses of graduation.

Absence on Leave—A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays full tuition during such absence; such payment is required before the student can be admitted to examination.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

The Yale Dining Hall, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The Hall contains seats for 450, and is open to students of the Academical and Scientific Departments. A bond of $500 is required by the Treasurer of the University for each student admitted to the Hall, and the price of board is

charged on the regular term-bill. Application for seats at the table must be made to the steward, Mr. J. Q. Tilson.

Rooms—There are in the College buildings over four hundred and fifty rooms occupied by students, at prices varying (according to location) from seventy-five cents to ten dollars per week, payable each term or half-term in advance. These rooms are not furnished, and the rates charged do not include heat or light.

Farnam Hall (built in 1869–70) is named in commemoration of Henry Farnam, Esq., of New Haven, who bore the chief part of the expense of its erection ; Durfee Hall (built in 1870–71) commemorates in like manner the generosity of Mr. Bradford M. C. Durfee, of Fall River, Mass.; Lawrance Hall (built in 1885–86) owes its name to a gift for this purpose from Mrs. Francis C. Lawrance, of New York City, in memory of her son, Thomas Garner Lawrance, of the Class of 1884, who died during his Senior year in College; Welch Hall, completed in 1892, is the gift of Pierce N. Welch, Esq. (Yale College 1862), of New Haven, in memory of his father, the Hon. Harmanus M. Welch, of this city, who died in 1889 ; Vanderbilt Hall, first occupied in 1894, is the gift of Mr. and Mrs. Cornelius Vanderbilt, of New York City, in memory of their son, William Henry Vanderbilt, a member of the Class of 1893, who died in 1892 ; and White Hall, completed in 1894, was erected at the expense of Andrew J. White, M.D. (Yale 1846), of New York City.

Students living out of College are not allowed to room in any hotel or apartment-house or in any building in which a family does not reside, except by special permission of the Faculty.

A few rooms in each building are reserved in May, for members of the Freshman class of the year following, and are assigned to applicants in order of application.

Members of the Junior, Sophomore, and Freshman classes, occupying any of the College rooms, may retain the same rooms for another academic year, by making ap-

plication in writing to the locating officer, on or before Saturday, May 21, 1898. Rooms not reserved will then be offered to the classes in order: choices will be allotted to the Junior class on Tuesday, May 31, to the Sophomore class on Friday, June 3, and to the Freshman class on Wednesday, June 8.

PRICES PER WEEK OF ROOMS IN COLLEGE FOR 1897–98

When a room is occupied by two persons, each occupant will be charged with one-half the price named in this schedule. The prices given for Welch Hall include steam-heat.

$0.75.—70 South Middle; 98, 99, 114 North.

$1.00.—84 South Middle; 97, 100, 113, 116 North; 359, 360, 361, 362, 363, 364, 365, 366 White; 417, 418, 419, 420 Berkeley.

$1.25.—81, 82, 94, 95 South Middle; 409, 410, 411, 412, 416, 421 Berkeley.

$1.50.—73, 74, 77, 78, 86, 87, 91 South Middle; 401, 402, 403, 404, 408, 413 Berkeley.

$1.75.—80, 83, 93, 96 South Middle; 103, 106, 107, 110, 111, 119, 122, 123, 126, 127 North; 400, 405 Berkeley.

$2.00.—71, 72, 75, 76, 79, 85, 88, 89, 92 South Middle; 101, 104, 105, 108, 109, 112, 125, 128 North; 133, 137, 141, 160, 167, 175 Farnam; 181 Lyceum; 385, 386, 387, 388, 393, 394, 395, 396 Berkeley.

$2.25.—384, 389, 392, 397 Berkeley.

$2.50.—120, 124 North; 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598 Pierson.

$3.00.—182, 183 Lyceum; 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582 Pierson.

$3.50.—142, 143, 158, 159, 161, 162, 176, 177 Farnam; 250, 251, 260, 261, 270, 271, 281, 282 Lawrance; 415, 422 Berkeley; 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566 Pierson.

$4.00.—130, 131, 138, 139, 144, 145, 146, 147, 153, 154, 156, 157, 164, 165, 172, 173 Farnam; 180 Lyceum; 407, 414 Berkeley.

$4.50.—14, 18 Vanderbilt; 134, 135, 140, 148, 149, 151, 152, 168, 169, 174 Farnam; 208, 215, 216, 223, 224, 231, 232, 239 Durfee; 248, 249, 258, 259, 268, 269, 279, 280 Lawrance; 341, 342, 379, 380, 381, 382 White; 399, 406 Berkeley.

$5.00.—22, 26, 40, 56 Vanderbilt; 129, 163 Farnam; 202, 209, 210, 217, 218, 225, 226, 233 Durfee; 241, 242, 246, 247, 252, 253, 256, 257, 262, 263, 266, 272, 273, 277, 278 Lawrance; 296, 311, 312, 327 Welch; 338, 339, 355, 356, 357, 358, 375, 376, 377, 378 White; 585, 586, 599, 600 Pierson.

$5.50.—44 Vanderbilt; 206, 214, 221, 222, 229, 230, 237 Durfee; 295, 298 Welch; 351, 352, 353, 354 White; 383, 390, 391, 398 Berkeley.

$6.00.—48, 52 Vanderbilt; 132, 166 Farnam; 204, 211, 212, 219, 220, 227, 228, 235 Durfee; 245, 254, 255, 264, 265, 274 Lawrance; 284, 297, 299, 300, 301, 302, 313, 314, 315, 328, 329, 330 Welch; 332, 333, 335, 336, 367, 368, 369, 370, 371, 372, 373, 374 White; 521, 522, 535, 536, 569, 570, 583, 584 Pierson.

$6.25.—283, 286 Welch.

$6.50.—343, 344, 345, 346 White.

$7.00.—2, 3, 13, 15, 41, 43, 45, 58, 60 Vanderbilt; 178, 179 Lyceum; 201, 203, 205, 234, 236, 238 Durfee; 285, 288, 292, 303, 304, 308, 316, 317, 318, 319, 323 Welch; 340, 347, 348, 349, 350 White; 537, 538, 551, 552, 553, 554, 567, 568 Pierson.

$7.50.—287, 291 Welch.

$7.75.—290, 294 Welch.

$8.00.—1, 11, 12, 16, 25, 27, 29, 36, 42, 55, 57, 59, 67, 69 Vanderbilt; 289, 293, 305, 306, 309, 310, 322, 326 Welch; 337 White.

$8.50.—5, 8, 17, 19, 21, 23, 47, 49, 51, 53, 63, 66 Vanderbilt; 320, 324 Welch.

$9.00.—10, 28, 34, 39, 54, 68 Vanderbilt; 321, 325 Welch; 331 White.

$10.00.—4, 6, 7, 9, 20, 24, 30, 32, 35, 37, 46, 50, 61, 62, 64, 65 Vanderbilt; 240 Durfee; 334 White.

The subjoined table gives near estimates of the ordinary annual expenses in College, omitting clothing, vacation charges, and sundries.

	Lowest	General Average	Very Liberal
Treasurer's bill, tuition,	$155	$155	$155
Rent and care of half-room in College,	20	100	140
Board, 36 weeks,	125	175	250
Furniture, average of half-room for 4 years,	10	25	40
Fuel (steam-heat) and light, for half-room,	15	20	35
Washing,	15	25	40
Text-books and stationery,	10	25	40
Subscriptions (to Societies, Sports, Periodicals, etc.),		20	100
Total	$350	$545	$800

BENEFICIARY AID

The sum of thirty thousand dollars and upwards, derived mainly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid. In this amount are included the income of the LANGDON FUND, of four thousand dollars, bequeathed in 1835 by Solomon Langdon, of Farmington, Connecticut, and a portion of the income of the ELLSWORTH FUND, now about ninety-six thousand dollars, received since 1858 from the estate of the Hon. Henry L. Ellsworth (Yale College 1810); both these funds are used for the support of students intending to enter the ministry. There is also a LOAN FUND, the income of which is used for scholarships, which has been constituted from repayments made to the treasury by former students who have received aid during the College course. The College has also a considerable number of scholarship funds, each yielding one hundred and fifteen dollars a year, the income of which is appropriated to worthy applicants. Those needing aid should apply to the President before November 1st in each year of the College course. No assignments from these funds are made before admission to College.

Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

THE MORGAN FUND, bequeathed by the late Henry T. Morgan, of New York City, has been set apart by the Corporation, with the provision that the income shall be divided into scholarships (at present thirty-seven in number, yielding one hundred and fifteen dollars each), to be assigned by the Faculty for the benefit of indigent and deserving students.

THE MARETT FUND, amounting to over one hundred and fifty-two thousand dollars, which was established by the will of Philip Marett, Esq., of New Haven, in 1869, and was received in 1889–97, has been appropriated for beneficiary scholarships, in aid of needy and deserving students.

THE CHRISTMAN FUND, amounting to over twenty-two thousand dollars, bequeathed by Joseph A. Christman (Yale College 1857), of New York City, who died in 1888, is devoted to the support of poor and meritorious students.

THE HARMER FOUNDATION OF SCHOLARSHIPS, the proceeds of a bequest in 1854 from Thomas Harmer Johns (Yale College 1818), of Canandaigua, N. Y., comprises five scholarships, each yielding at least one hundred dollars a year, to be given to deserving students of small means.

THE LYON SCHOLARSHIP FUND, of forty-four hundred dollars, given in 1868–72 by Mr. Morris W. Lyon (Yale College 1846), of New York City, benefits four scholars, selected for their worth and need by the founder or the Faculty.

THE LUCIUS HOTCHKISS FUND, of ten thousand dollars, the bequest of Lucius Hotchkiss, Esq., of New Haven, in 1881, comprises four scholarships, the income of which is given to indigent and deserving students.

THE LEAVENWORTH SCHOLARSHIP FUND, now amounting to over fourteen thousand dollars, was established in 1882 by the Hon. Elias W. Leavenworth (Yale College 1824), of Syracuse, N. Y., with the primary object of defraying in part the expenses of the education of students of good character and promise, bearing the surname of Leavenworth.

THE HOLMES SCHOLARSHIPS, one in each class in College, founded by Samuel Holmes, Esq., of Montclair, New Jersey, are filled upon the nomination of the Board of Agents of the Silas Bronson Library of Waterbury by students from the towns of Waterbury, Wolcott, Prospect, and Middlebury, Connecticut, who receive each the income of one thousand dollars *per annum*.

There are thirty-four other Scholarship Funds, most of them of one thousand dollars, the income of which may be given to such students as shall be selected by the founders or the Faculty. In this number are included Scholarships named in commemoration of William Allen, Charles Atwater, Mills Bordwell, William S. Charnley, William E. Dodge, Thomas H. and Luther Fuller, Sereno Gaylord,

Joel Hawes, John C. Holley, Charles L. Ives, Elisha C. Jones, William A. Macy, John S. Mitchell, Peter Parker, John M. Raymond, John Spaulding, and James M. Whiton.

There are also opportunities for students in need of aid to render service to the College as monitors, etc.; in this way about fifteen hundred dollars is disbursed annually. And in general it may be said that the other means to self-help at the command of students are sufficient to enable many of those who have spare time to provide for the larger part of their College expenses.

By the liberality of Mr. William L. Andrews, of New York City, and as a memorial of his son, Loring W. Andrews, of the class of 1883, a well furnished library has been established, containing text-books and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing books. Permission to use this library is obtained from the Dean.

FELLOWSHIPS AND SCHOLARSHIPS

THE DOUGLAS FELLOWSHIP, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, the Rev. Sutherland Douglas (Y. C. 1821) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this Department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the Fellowship for more than three years.

THE SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in special remembrance of William Wheeler, of the class of 1855. The incumbent must be, at the time of his election, a graduate of this Department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for

a period not exceeding five years. In selecting the incumbent, the President and Professors are to give preference to one who has shown special proficiency in Greek ; and for the further prosecution of Greek study, the Fellow may spend a part or the whole of the time of his incumbency in Athens, in connection with the American School of Classical Studies, instead of in New Haven.

THE SILLIMAN FELLOWSHIP, founded in memory of Professor Benjamin Silliman, Professor of Chemistry, Mineralogy, and Geology in Yale College from 1802 until his death in 1864, has an annual income of six hundred dollars, and is awarded to a graduate of this Department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

THE JOHN SLOANE FELLOWSHIP in Physics, established in 1889 by the gift of ten thousand dollars from John Sloane, Esq., of New York City, is awarded annually by the Faculty to a graduate of this Department who has shown marked proficiency in the study of Physics, and gives promise of success in the prosecution and application thereof. The incumbent shall reside in New Haven for at least thirty-six weeks in each academic year, pursuing a course of study in Physics and the related branches of science, and acting as an assistant in the Sloane Physical Laboratory; he may be re-elected, but shall not hold the Fellowship for more than three consecutive years.

THE SCOTT HURTT FELLOWSHIP, with a foundation of twelve thousand dollars, was established in June, 1893, by Mrs. Sarah I. Hurtt, of New York City, in memory of her son Burgess Scott Hurtt, of the class of 1878, Yale College. The incumbent must be a graduate of the academical department, of not more than four years' standing at the time of his first appointment, and may hold the fellowship for three years by annual re-election. In addition to a good moral character, the person appointed must have

maintained a satisfactory standing in scholarship and must purpose to pursue a scholastic, professional, or scientific career, in which he gives promise of success. He shall, if required by the President and Professors, reside in New Haven for at least one year of his incumbency, during thirty-six weeks of the year, pursuing his studies there; but with this exception may have the privilege of prosecuting his studies at any foreign University, or at the American School of Classical Studies in Athens.

THE BERKELEY SCHOLARSHIP, founded in 1733 by the Rev. George Berkeley, Dean of Derry, and afterwards Bishop of Cloyne, Ireland, and yielding over sixty dollars a year, is awarded to the student in each Senior class who passes the best examination (which must be a creditable one) in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's *Iliad*, Cicero's *Tusculan Questions*, Tacitus (except the *Annals*), and Horace; provided he remain in New Haven as a graduate, one, two, or three years.

THE CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, given for this purpose by Mr. Sheldon Clark, of Oxford, Connecticut, is awarded in each Senior class to the applicant who has attained the highest rank in the studies of the course; provided he remain in New Haven for one year or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE BRISTED SCHOLARSHIP, founded in 1848 by Mr. Charles Astor Bristed (Yale College 1839), of New York City, and yielding over one hundred dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE FOOTE SCHOLARSHIPS, founded in 1873 by a bequest of Harry W. Foote (Yale College 1866), of New Haven, and yielding five hundred dollars a year, are awarded annually to graduates of this Department, selected by the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate courses of the Department of Philosophy and Arts.

THE LARNED SCHOLARSHIPS, three in number, each having a fund of seven thousand dollars, were founded in 1877 by the bequest of Mrs. Irene Larned, of New Haven, and were augmented in 1888 by the bequest of Mrs. Urania B. Humphrey, of Norfolk, Connecticut. One scholarship is awarded in each Senior class ; the incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

THE ELLEN BATTELL ELDRIDGE SCHOLARSHIPS, two in number, each having the income of a fund of twelve thousand dollars, were established in 1894 by a bequest from Mrs. Azariah Eldridge, of Yarmouth, Massachusetts. The incumbents, who shall be graduates of this Department, selected by the President and Professors, must reside in New Haven, pursuing such a course of study as they may select and the Faculty approve. No scholar shall continue on the foundation for more than three years.

THE MACY SCHOLARSHIP, being the income of a fund of ten thousand dollars, derived from a bequest of the Rev. William A. Macy (Yale College 1844), of Shanghai, China, who died in 1859, is awarded, whenever there may be a vacancy, to a recent graduate of distinguished scholarship, who may hold it for a term of three years. He shall reside in New Haven, pursuing a course of non-professional study, and shall at the close of each College year present a meritorious thesis in evidence of his work during the previous year.

THE WOOLSEY SCHOLARSHIPS, each having the income of a fund of one thousand dollars, the gift of President Woolsey, in 1846–48, are awarded in successive years, one

to the student in each Freshman class, who passes the best examination in Latin Composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, during the four years of his College course, provided he maintains a good standing in character and scholarship, and in the Junior year makes himself acquainted with the Differential and Integral Calculus. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND, of one thousand dollars (established by Henry A. Hurlbut, Esq., of New York City, in 1858–9); and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount, given by Charles M. Runk, Esq., of Allentown, Pennsylvania, in 1864.

THE W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, bequeathed in 1867 by William Wheeler DeForest, of New York City, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the modern languages, especially French, Spanish, Portuguese, or Italian, under the direction of the Faculty.

THE SCOTT HURTT SCHOLARSHIP was established in 1889 in memory of Burgess Scott Hurtt, of the class of 1878, Yale College, by his classmates and friends. The income of a fund of five thousand dollars is assigned in June of each year to a member of the Sophomore class, who is selected by the Faculty on the ground of approved scholarship; one half of the income will be paid to the incumbent during his Junior year, and one half during his Senior year, provided he continues to be in need of this assistance.

THE THOMAS GLASBY WATERMAN FUND, of forty thousand dollars, was received in 1890 from the estate of Thomas G. Waterman (Yale College 1886). The income

is given to not more than three scholars, of manly character and limited means, who have distinguished themselves in their studies and give promise of achieving distinction in the line of work which they have chosen; the incumbents are elected annually by the Faculty from the Senior or Junior class, or from graduates of the Department of not more than two years' standing.

THE ALFRED BARNES PALMER SCHOLARSHIP FUND, of five thousand dollars, was given in 1892, by the Rev. Charles Ray Palmer, D.D., in memory of his son, Alfred Barnes Palmer, of the class of 1892, Yale College. The annual income is paid, during his College course, to a student in avowed need of beneficiary aid, of unexceptionable character, and of high rank in scholarship.

THE DANIEL LORD, JUNIOR, MEMORIAL FUND, of five thousand dollars, was established in 1894, by Daniel Lord, Esq., of New York City, in memory of his son, Daniel Lord, Junior, of the class of 1892. The annual income is given to a deserving and needy undergraduate student in this Department—preferably a member of the Senior class—who shall be selected by the Faculty.

THE LEARNED SCHOLARSHIP, established in 1895 by the gift of two thousand dollars from the Hon. William L. Learned, LL.D., of the class of 1841, Yale College, is awarded at the close of the Freshman year to a student who has been markedly successful in his studies. He receives the income of the fund through his college course.

PREMIUMS

THE DEFOREST PRIZE, founded in 1823 by David C. DeForest, of New Haven, and consisting of a gold medal, of the value of one hundred dollars, is awarded "to that scholar of the Senior class who shall write and pronounce an English Oration in the best manner," the President and Professors being judges.

TOWNSEND PREMIUMS, five in number, of twelve dollars each, founded in 1843 by the gift of Isaac H. Townsend (Yale College 1822), of New Haven, are awarded in each Senior class for the best specimens of English Composition; all compositions receiving premiums must be read in public.

THE DEFOREST MATHEMATICAL PRIZES were established by the late Dr. John DeForest (Yale College 1826), and were augmented by his son, the late E. L. DeForest (Yale College 1854), of Watertown, Connecticut. A first prize of one hundred dollars, and three second prizes of fifty dollars each, are offered to the Senior class for worthy solutions of problems in pure and applied Mathematics. This year about sixty dollars from the same source will be offered in prizes to the Junior, Sophomore, and Freshman classes, respectively, for the solution of problems.

WINTHROP PRIZES, the income of a fund of five thousand dollars given in 1871 by Buchanan Winthrop, Esq. (Yale College 1862), of New York City, are annually offered to the Junior class "for the most thorough acquaintance with the Greek and Latin poets," particular attention being paid to elegance of scholarship and appreciation of the spirit of the poetry, as shown at an examination during the latter half of the second term. The first prize is two hundred dollars, and the second prize is the balance of the income for the year.

The subjects for the examination in the class of 1899 are as follows: in Greek, the *Olympian Odes* of Pindar, the *Prometheus* of Aeschylus, the *Oedipus Tyrannus* of Sophocles; in Latin, the Poems of Horace.

THE HENRY JAMES TENEYCK PRIZES, the income of a fund of twenty-six hundred dollars, established in 1888 by the Kingsley Trust Association in memory of Henry James TenEyck (Yale College 1879), are awarded to the successful competitors at the Junior Exhibition, in the second term of each year.

THE C. WYLLYS BETTS PRIZE, established in 1890 by the

Phelps Association, being the income of a fund of one thousand dollars given by L. F. H. Betts, Esq. (Yale College 1891), in memory of his uncle, the late C. Wyllys Betts, Esq., of New York City, a graduate of Yale College in the class of 1867, is offered to the Sophomore class for excellence in English composition. The prize is awarded annually to that member of the class who shall have exhibited the most meritorious work in the required compositions of the year and in a special essay on a prescribed subject.

THE MCLAUGHLIN MEMORIAL FUND, consisting of one thousand dollars, founded in 1893 to commemorate Edward Tompkins McLaughlin (Yale College 1883), late Professor of Rhetoric and Belles Lettres, is devoted to the encouragement of English composition in the Freshman class. From the income of this fund a first and second prize, in books, are offered during the current year.

COLLEGE PREMIUMS are given each year in the Sophomore class for Declamation.

THE THACHER MEMORIAL FUND, of three thousand dollars, founded in 1892, by gifts from the class of 1842, and named in honor of their former instructor, Professor Thomas A. Thacher, is devoted to the encouragement of the practice of extemporaneous debate. One hundred and fifty dollars of the income will be offered in prizes for this object during the current year.

SCOTT PRIZES for excellence in German and in French are offered to the Junior class; these are of the value of thirty dollars each, and are given in books. The prizes were founded by the bequest of Henry W. Scott (Yale College 1863), of Philadelphia, who died in 1871.

THE LUCIUS F. ROBINSON LATIN PRIZES, from the income of a fund of five thousand dollars given in 1887 by the daughters of the late Lucius F. Robinson (Yale College 1843), of Hartford, will be awarded the present year to students showing special proficiency in Latin :—one series of prizes (of fifty, thirty, and twenty dollars, respectively)

being open to members of the Senior and Junior classes who have taken three hours per week in Latin electives; and a second series, of the same amounts, to members of the Sophomore class.

BERKELEY PREMIUMS for excellence in Latin Composition are offered to the Freshman class near the end of each College year, from the surplus income of the Berkeley Scholarship Fund.

THE HUGH CHAMBERLAIN GREEK PRIZE, being the income of one thousand dollars given for this purpose, in 1886, by the Hon. Daniel H. Chamberlain (Yale College 1862), is awarded annually to that member of the Freshman class who has passed the best examination in the Greek required for admission to College. Candidates for this prize will be required to pass the whole examination in Greek in June of the year of their entrance into College, even though they may have been accepted already in some or all of the Greek subjects in a previous year.

DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement.

SHEFFIELD SCIENTIFIC SCHOOL

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WALTER M. BRADLEY, *Laboratory Assistant in Analytical Chemistry*

OBJECTS

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning. Instruction is also given in French, German, Spanish, English, History, Political Economy, and Political Science. The Sheffield Scientific School is one of the departments of the University, like the law, medical, theological, and art schools, having its separate funds, buildings, teachers, and regulations, but governed by the Corporation of Yale University, which appoints the professors and confers the degrees. It is, in part, analogous to the academical department, or college, and, in part, to the professional schools.

The instruction is intended for two classes of students:—

I.—Graduates of this and other colleges or universities, and other persons qualified for advanced or special scientific study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in less part linguistic and literary, for higher scientific studies, or for various other occupations to which such training is suited.

HISTORY AND ORGANIZATION

The School was commenced in 1847. In 1860, a convenient building and a considerable endowment were given by Joseph E. Sheffield, Esq., of New Haven, whose name, at the repeated request of the Corporation of Yale College, was subsequently attached to the foundation. Mr. Sheffield afterwards frequently and munificently increased his original gifts.

In 1863, by an act of the Connecticut Legislature, the national grant for the promotion of scientific education

(under the congressional enactment of July, 1862) was given to this department of Yale University, which thus became the College of Agriculture and the Mechanic Arts for Connecticut. By an act of the State Legislature in 1892 this was revoked and the special relations of the School to the State created by the act of 1863 were terminated.

During the last thirty years numerous liberal gifts have been received from the citizens of New Haven, and from others in Connecticut and elsewhere, for the endowment of the School and the increase of its collections, by which the facilities of the institution have been greatly enlarged.

The Governing Board consists of the President of the University and the professors who are permanently attached to the School. There are many other instructors associated with them, some of whom are connected with other departments of the University.

INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the natural and physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or in two additional years of Engineering study that of CIVIL ENGINEER or that of MECHANICAL ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of MASTER OF SCIENCE or DOCTOR OF PHILOSOPHY. The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the graduate instructors in other departments of the university.

The degree of MASTER OF SCIENCE is conferred upon graduates of this or other Universities, of two years' standing or upwards, who have taken their first degree in

science and who pursue successfully a higher course of study in science under the direction of the Governing Board. Such a course will involve at least one year of resident graduate study, followed by an examination and the presentation of a satisfactory thesis in some department of science. All candidates for this degree must submit their proposed courses of study to a committee of the faculty for approval before the end of October of each year. The fee for graduating is ten dollars.

The degree of DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work will be required, but in certain exceptional cases work of equal grade at another University may take the place of a year's residence here. Whenever the course of undergraduate study has been less than four years, three years of graduate work will be required. The thesis must be deposited at the Library for public inspection, not later than June 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for graduating is ten dollars.

A detailed statement of the graduate instruction of the University, including about 300 courses, is printed in a separate pamphlet, and may be had on application to the Secretary of the University. The principal courses offered in the Sheffield Scientific School are given by the following instructors:

Professors BRUSH, PENFIELD, and PIRSSON, in Descriptive Mineralogy, and in Lithology, including Microscopical Petrography.

Professor BREWER, in Agriculture and Forest Culture, and in Physical Geography.

Professor CLARK, in Determinants and Differential Equations.

Professor RICHARDS, in Mechanical Engineering.

Professor LOUNSBURY, in English Literature.

Professor VERRILL, in Zoology.

Professor S. I. SMITH and Dr. COE, in General Biology, Comparative Anatomy, and Embryology.

Professor DUBOIS, in Civil Engineering.

Professor HASTINGS, in selected subjects in Physics, and guidance in laboratory work.

Professor FARNAM, in Applied Economics.

Professor CHITTENDEN and Assistant Professor MENDEL, in Physiological Chemistry, Physiology, and Experimental Toxicology.

Professors WELLS and PENFIELD, in Analytical Chemistry, including a systematic course in Qualitative Analysis, a systematic course in Quantitative Analysis, and such special branches of Quantitative Analysis as are applied to Mineralogy and various departments of Metallurgy.

Professor BEECHER, in Invertebrate Palaeontology.

Assistant Professor CROSS, in English Literature.

Assistant Professor P. F. SMITH, in the Theory of Plane Curves and the Theory of Surfaces and Curves in Space.

Dr. EVANS, in Structural and Systematic Botany with special reference to the Microscopic Anatomy of Phanerogamous and Cryptogamous Plants.

Assistant Professor CORWIN, in German.

Mr. COMSTOCK and Dr. H. L. WHEELER in Organic Chemistry.

Dr. LOCKE, in the Constitution of Chemical Compounds.

Dr. BOLTWOOD, in Physico-Chemical measurements and Electro-Chemistry.

The same courses of study are open, for a longer or shorter time, to graduate students who do not desire to become candidates for a degree.

Students who have taken the degree of Bachelor of Philosophy, may obtain the degree of CIVIL or of MECHANICAL

ENGINEER at the end of two academical years, by pursuing the following higher courses of study and professional training.

The course of study for the degree of CIVIL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations
2. Analytical Mechanics, Mechanics applied to Engineering.
3. Practical Astronomy, with use of instruments, computations, etc.
4. Construction and Design.
5. Selected subjects in Civil Engineering.
6. Preparation of Theses on special subjects in Engineering.

The course will occupy two years. During the second year candidates may, with the consent of the Professor of Civil Engineering, engage in professional practice.

To secure the requisite amount of professional knowledge and practice, the candidate will be required to furnish a comprehensive report of the results of an examination into the existing condition of some special line of constructive art; or to present proper evidence that he has had actual charge in the field, for several months, of construction or surveying parties, or held some responsible position deemed equivalent to this.

A design must also be submitted of some projected work, based upon data obtained by the candidate, and comprising all the requisite calculations, and the necessary detailed drawings, accompanied by specifications.

The fee for this degree is five dollars.

The course of study for the degree of MECHANICAL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. General Principles of Dynamics (Analytical Mechanics), including special application of these principles to dynamic problems.
3. Construction of Machines. Designs.
4. Preparation of theses on special subjects in Mechanical Engineering.

During the second year, candidates will be permitted to employ such portion of their time as may be deemed advisable or necessary in the examination of engineering

works and manufacturing establishments, and may also have the privilege of entering upon professional practice, provided it is done with the knowledge and consent of the Professor of Mechanical Engineering, and under such circumstances as shall appear to him to be favorable to professional progress.

An elaborate thesis on some professional subject, with an original design, or project, accompanied by proper working drawings, will be required at the end of the second year.

The fee for this degree is five dollars.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to the obtaining of a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman class.

It should be distinctly understood, however, that these opportunities are not offered to persons who are incompetent to go on with the regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

TERMS OF ADMISSION

Candidates must be not less than sixteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman class the student must pass a thorough examination in the subjects mentioned below. Certificates of standing elsewhere are not accepted in place of this examination, but it is desirable that each candidate should submit a statement from his principal instructor, showing definitely the ground covered by his preparatory studies. The subjects required for the full entrance examination are as follows:

1. *English Grammar*—Whitney's *Essentials of English Grammar*, or an equivalent.
2. *English Literature*—Preliminary [see page 147].
3. *English Literature*—Final [see page 148].
4. *History of England*—Candidates will be expected to be prepared on as much as is contained in the shorter text-books, such as Montgomery's, or Ransome's *Short History*.
5. *History of the United States*—Some of the shorter histories, like Johnston's *History of the United States* or Montgomery's *Student's History*, may be taken as a basis for study. A knowledge of the fundamental principles of the Constitution will also be required.
6. *Latin Grammar and Composition*—The examination in Latin Grammar will be based on connected passages taken from the first and second books of Caesar's *Gallic War*. The exercises set for translation from English into Latin will involve the vocabulary and idiom of these two books.
7. *Caesar*—The first four books of the *Gallic War*.

   The first twelve of Nepos' *Lives*, as they appear in the Teubner edition, will be accepted as an equivalent for the third and fourth books of Caesar. For the first and second books of Caesar no equivalent will be accepted.
8. *Vergil*—The first three books of the *Aeneid*. This involves an ability to scan Latin hexameters.

   Cicero's orations against Catiline and for Archias may be offered in place of Vergil.

   In order to allow the preparatory schools still further freedom in arranging their courses of work, examination papers will be prepared on other equivalents of the texts mentioned above, provided a sufficient number of candidates apply to the Registrar of the Sheffield Scientific School for such a paper before May 1.
9. *German or French*—Candidates will be required to translate at sight simple prose selections from German or French authors, and to have such a knowledge of grammar as will enable them to read the selections intelligently. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite.

   The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

10. *Algebra to Quadratics*—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities, Inequalities, Powers and Roots, including the Theory of Exponents, the Binomial Formula for a Positive Entire Exponent, and the Transformation and Reduction of Radicals.

11. *Algebra from Quadratics*—Equations of the Second Degree, Ratio and Proportion, Progressions, Continued Fractions, Permutations and Combinations, the Doctrine of Limits, the Nature of Series, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest, and Annuities.

12. *Plane Geometry*—Including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures, so much, for example, as is contained in the first five books and the appendix of Phillips and Fisher's *Geometry*.

13. *Solid and Spherical Geometry*—So much, for example, as is contained in the last four books of Phillips and Fisher's *Geometry*.

14. *Trigonometry and the use of Logarithms*—Including the Analytical Theory of the Trigonometrical Functions, and the usual formulae; the Construction and Use of Trigonometrical Tables; and the Solution of Plane Triangles:—so much, for example, as is contained in the first six chapters of Newcomb's larger *Trigonometry* and in articles 75–78 of chapter viii, with the explanation of the first five tables in Newcomb's five-figure *Logarithmic and Trigonometric Tables*, which are furnished at the examinations in New Haven. Candidates examined elsewhere are provided with Beebe's four-place tables, published by H. H. Peck, New Haven.

15. *Botany*—The requirements will include a knowledge of the structure and of the principles of classification of flowering plants, together with matters pertaining to fertilization and the dissemination of seeds. Gray's *Elements of Botany* is recommended as a suitable aid in preparing for the examination. It is desirable that the candidate should have had some experience in the analysis of common flowering plants.

In his preparation in GEOMETRY, the candidate should, as far as practicable, have suitable exercises in proving simple theorems and in solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulae of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulae to a variety of simple reductions and transformations, including the solution of trigonometrical equa-

tions. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solutions of triangles. Finally, in all his calculations, he should study the art of neat and orderly arrangement.

IN ENGLISH LITERATURE the following requirements are to be noted:

I. READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination will be:—

Preliminary Examination in 1897, for the class entering in 1898: Milton's *Paradise Lost*, Books i and ii; Pope's *Iliad*, Books i and xxii; *The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1898, for the class entering in 1899: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; *The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1899, for the class entering in 1900: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; *The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Scott's *Ivanhoe;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal.*

Preliminary Examination in 1900 and in 1901, for the classes entering in 1901 and in 1902: Shakespeare's *The Merchant of Venice;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; *The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal;* George Eliot's *Silas Marner.*

II. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination will be:

Final Examination in 1898: Shakespeare's *Macbeth;* Burke's *Speech on Conciliation with America;* DeQuincey's *The Flight of a Tartar Tribe;* Tennyson's *The Princess.*

Final Examination in 1899: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Carlyle's *Essay on Burns.*

Final Examination in 1900: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

Final Examination in 1901 and in 1902: Shakespeare's *Macbeth:* Milton's *Lycidas*, *Comus*, *L' Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

For candidates who take a complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year; for example, the complete examination in 1898 will cover the books set for the final examination in 1898, together with those set for the preliminary examination in 1897.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination, first taking any five or more of the whole number of subjects at a regular examination, either in June or September, and then completing it at either of the examinations in the next calendar year. At the first, or preliminary, exami-

nation, each candidate must submit a statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be given for this examination, unless at least five of the above fifteen subjects have been passed satisfactorily.

THE REGULAR EXAMINATION FOR ADMISSION in 1898 will be held in New Haven at North Sheffield Hall, on Thursday, Friday, and Saturday, June 30, and July 1 and 2, beginning at 9 A. M. on Thursday. *Attendance is required at the opening of the examination, at 9 A. M. on Thursday.*

In 1898, examinations (for the Freshman class only) will also be held in

Albany, N. Y., at the Albany Academy;
Andover, Mass., at Phillips Academy;
Auburn, N. Y., at the High School;
Buffalo, N. Y., at the Buffalo High School
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street;
Cincinnati, O., at the Hughes High School, 5th street, head of Mound;
Cleveland, O., at the University School, Haugh avenue and Giddings street;
Columbus, O., at the Columbus Latin School;
Concord, N. H., at St. Paul's School;
Denver, Col., at the East Denver High School;
Detroit, Mich., at 36 Putnam avenue;
Dobbs Ferry, N. Y., at the Westminster School;
Easthampton, Mass., at Williston Seminary;
Exeter, N. H., at Phillips Academy;
Groton, Mass., at Groton School;
Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets;
Knoxville, Tenn., at the University School;
Lakeville, Conn., at the Hotchkiss School;
Lawrenceville, N. J., at the Lawrenceville School;
Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street;
New York City, at the Y. M. C. A. building, 23d street and 4th avenue;
Norwich, Conn., at the Free Academy;

Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street;
Pittsburg, Pa., at Shady Side Academy;
Pomfret, Conn., at the Pomfret School;
Portland, Oregon, at the Bishop Scott Academy;
Pottstown, Pa., at the Hill School;
San Francisco, Cal., at the Urban School, 2124 California street;
St. Louis, Mo., at the Board of Education Building, corner 9th and Locust streets;
St. Paul, Minn., at the High School;
Scranton, Pa., at the School of the Lackawanna;
Southboro, Mass., at St. Mark's School;
Tacoma, Wash., at the Tacoma Academy;
Washington, D. C., in the examining-room of the Civil Service Commission, corner of 8th and E streets.

Candidates who propose to be present elsewhere than in New Haven are requested to send their names to the Registrar of the School, before June 1. A fee of five dollars, payable at the place of examination, will be charged for admission to the examinations outside of New Haven.

A second examination is held, *in New Haven only*, at the beginning of the college year, on Monday, Tuesday, and Wednesday, September 26, 27, 28, 1898. Candidates for this examination must be present at North Sheffield Hall at 2 P. M. on Monday.

Order of June Examination

Thursday, June 30

Morning

[Session begins at 9.00 A. M.]

Latin Grammar and Composition,	9.40—10.40
Caesar,	10.45—11.30
Vergil,	11.35—12.30

Afternoon

Botany,	3.00— 3.30
German or French,	3.35— 4.35
Plane Geometry,	4.40— 6.00

Friday, July 1

MORNING

Solid and Spherical Geometry,	9.00—10.30
English Grammar,	10.35—11.05
English Literature, (preliminary)	11.05—11.55
English Literature, (final)	12.00— 1.00

AFTERNOON

Algebra to Quadratics,	3.00— 4.25
Algebra from Quadratics,	4.30— 6.00

Saturday, July 2

History of the United States,	9.00— 9.45
History of England,	9.50—10.35
Trigonometry and Logarithms,	10.40— 1.00

ORDER OF SEPTEMBER EXAMINATION

Monday, September 26

[Session begins at 2.00 P. M.]

Latin Grammar and Composition,	2.30— 3.30
Caesar,	3.35— 4.25
Vergil,	4.30— 5.30

Tuesday, September 27

MORNING

Botany,	9.00— 9.30
German or French,	9.35—10.35
Plane Geometry,	10.40—12.00

AFTERNOON

Solid and Spherical Geometry,	2.00— 3.30
English Grammar,	3.35— 4.05
English Literature, (preliminary)	4.10— 5.00
English Literature, (final)	5.00— 6.00

Wednesday, September 28

MORNING

Algebra to Quadratics,	9.00—10.30
Algebra from Quadratics,	10.40—12.10

AFTERNOON

History of the United States,	2.00— 2.45
History of England,	2.50— 3.35
Trigonometry and Logarithms,	3.40— 6.00

In general, examinations for admission to the *next* Freshman class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

All candidates for advanced standing, *whether from other colleges or not*, are examined, in addition to the preparatory studies, in the studies already pursued by the class which they wish to enter. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission. No one is admitted as a candidate for a degree later than at the beginning of the Senior year.

INSTRUCTION FOR UNDERGRADUATE STUDENTS

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. Modern languages are, however, studied by all of the students, irrespective of the special course which they may elect. They have the choice between French and German as a requisite to admission, the language taken in the entrance examinations being continued through Freshman and Junior years, while the other language is begun in Junior year and carried through to the end of Senior year. The first year's work is also the same for all; for the other years, the instruction is chiefly arranged in Special Courses. The Courses most distinctly marked out are:

(*a.*) In Chemistry; (*b.*) In Civil Engineering;
(*c.*) In Mechanical Engineering; (*d.*) In Electrical Engineering;
(*e.*) In Agriculture; (*f.*) In Natural History;
(*g.*) In Mineralogy and other studies preparatory to Geology;
(*h.*) In Biology preparatory to Medical studies;
(*i.*) In studies preparatory to Mining and Metallurgy;
(*j.*) In Select studies preparatory to other higher studies.

The arrangement of studies is indicated in the annexed scheme. A fuller statement of the methods and character

of the instruction will be found below, pp. 160 to 174. Unless otherwise specified, the number of hours given means hours per week.

FRESHMAN YEAR: INTRODUCTORY TO ALL THE COURSES

FIRST TERM:—*German or French*—3 hrs. *Mathematics*—Plane Analytical Geometry, 3 hrs. *Physics*—Recitations, 2 hrs.; Experimental Lectures, 2 hrs. *English*—Lounsbury's History of the English Language, 2 hrs. *Elementary Drawing*—Practical lessons in the Art School, 3 hrs. *Lectures on the Care of the Health.*

SECOND TERM:—*German or French and Physics*—as stated above. *Chemistry*—Mixter's; Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Mathematics*—Plane Analytical Geometry, continued; the Derivatives of Algebraic Functions; Fundamental Properties of Equations; Solution of Numerical Equations; 3 hrs. *Drawing*—Principles of Orthographic, Isometric, and Oblique Projection; Intersection and Development of Surfaces; Outlines of Shadows; Shading and Tinting; Elements of Perspective; Examples of various applications of Instrumental Drawing; 3 hrs.

NOTE. The Freshman class is divided, as soon as practicable, into several divisions according to scholarship, and an opportunity to make rapid progress is thus given to the more proficient.

For the Senior and Junior years, the students select for themselves one of the following Courses:

(a.) IN CHEMISTRY:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs.; Laboratory Practice, 15 hrs.; Blowpipe Practice and Determinative Mineralogy, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Quantitative Analysis and Inorganic Preparations*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determination of Species, 3 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Recitations and Lectures, 2 hrs. *General and Theoretical Chemistry*—Recitations, 3 hrs. *Quantitative Analysis*—15 hrs. *Geology*—Recitations, 3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*General and Theoretical Chemistry*—Recitations, 3 hrs. *Historical Chemistry*—Lectures, 2 hrs. *Chemistry*—Analytical or Experimental Organic Chemistry, 15 hrs. *Metallurgy, Assaying, and Gas Analysis*—2 hrs. *Geology*—3 hrs. *Mineralogy*—(optional). *French* or *German*—3 hrs.

The Laboratory Practice of the last half of the second term of Senior year may be devoted to such special branches of Analytical, Inorganic, or Organic Chemistry as the student may desire, or to original investigations in connection with theses.

(b.) IN CIVIL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Mechanics*—Kinematics, 1 hr. *Surveying*—Field-work, 16 hrs. till November. *Spherical Trigonometry*—4 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus with applications to Geometry and Kinetics, 5 hrs. *Mechanics*—Kinematics, 1 hr. *Drawing*—Descriptive Geometry, 8 hrs.; Topographical drawing; Practice in working-drawings; 6 hrs. *Surveying*—Topographical and Railroad curves, 16 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Field Engineering*—Location of line of Railroad; first three weeks in September. Office-work; mapping; calculation of earthwork; lectures on economic location; 6 hrs. Lectures on Railroad Economics, 2 hrs. *Mechanics*—Statics, 3 hrs. *Civil Engineering*—Mechanics applied to Engineering; Resistance of Materials; Bridges and Roofs; Stone Cutting with Graphical Problems; 8 hrs. *Geology*—Recitations, 3 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 8 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Civil Engineering* — Bridges and Roofs; Building Materials; Stability of Arches and Walls; Foundations; 6 hrs. Roads, Pavements, and Sewers, 3 hrs. *Mechanics* — Applied Mechanics, 6 hrs. *Hydraulics*—Hydraulics and Hydraulic Motors, 3

hrs. *Drawing*—Designing; Practical Problems; Specifications and Estimates; 12 hrs. *Astronomy*—Practical Astronomy, with field-work; Adjustment of observations; Theory of Least Squares; 6 hrs. *Geology*—3 hrs. *French* or *German*—3 hrs.

(c.) IN MECHANICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Thermodynamics*, 2 hrs. *Principles of Mechanism*—Applied Kinematics, 2 hrs. *Drawing*—Descriptive Geometry, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinetics, 5 hrs. *Shop Visiting*—Study of Machine Details and Tools, 1¼ hrs. *Thermodynamics* until about April, afterward *Theoretical Mechanics;* 2 hrs. *Drawing*—Machine Elements and Mechanical Movements, 3 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Applied Mechanics*—Recitations and Lectures; Mechanics of Materials; Strains in Structures; 6 hrs. *Machine Designing*—Practical Exercises in Designing Machine-Details and Simple Machines, 8 hrs. *Theoretical Mechanics*—3 hrs. *Visits of Inspection*—Examination of Machinery in Operation; Reports of Visits. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Theoretical Mechanics*—continued, 3 hrs. *Hydrostatics and Hydrodynamics*—Including Resistance of Ships and Theory of Water-Wheels and Turbines; 3 hrs. *Study of the Steam Engine and Boiler*—3 hrs. *Machine Designing*—continued; Advanced Exercises—8 hrs. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French* or *German*—3 hrs. *Lithology*—Lectures (optional). *Visits of Inspection and Reports.*

(d.) IN ELECTRICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Theory of Heat*—2 hrs. *Descriptive Geometry*—3 hrs. *Mechanism*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinematics, 5 hrs. *Theory of Electricity*—2 hrs. *Descriptive Geometry* and *Drawing*—3 hrs. *Mechanism* followed by *Shop-Visiting*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Theory of Observations and Theory of Instruments*—5 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Study of the Steam Engine*—2 hrs. *French or German*—3 hrs.

SECOND TERM:—*Theory of Electricity*—5 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Steam Engine*—2 hrs. *French* or *German*—3 hrs.

(e.) IN AGRICULTURE:

JUNIOR YEAR:

The course is identical with that in Chemistry, except that in the second term lectures in Crystallography and Descriptive Mineralogy are omitted, and in the Spring half-term Botany is substituted for Determinative Mineralogy.

SENIOR YEAR:

FIRST TERM:—*Agriculture*—Recitations, 2 hrs. *Agricultural Chemistry* (Chemical Physiology of Vegetation)—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Meteorology*—Lectures, 2 hrs. *Botany*—Laboratory Practice, 5 hrs. *French* or *German*, 3 hrs.

SECOND TERM:—*Agriculture*—Recitations or Lectures, 2 hrs. *Agricultural Chemistry*—Lectures, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Heredity and Stock-Breeding*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science and Public Health*—Lectures, 2 hrs. during Spring half-term. *French* or *German*—3 hrs.

(f.) IN NATURAL HISTORY:

Either Zoology or Botany may be made the principal laboratory study, some attention in each case being directed to the other branches of Natural History.

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs. Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *Physical Geography*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Zoology*—Laboratory Practice, 6 to 12 hrs.; Recitations; Excursions (land and marine). *Botany*—Laboratory Practice in a study of the Types of the lower Cryptogamous Plants, 5 hrs. during Spring half-term. *Physiology*—Recitations and Lectures, 2 hrs. *Organic Chemistry*—2 hrs. *Embryology*—Lectures. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Physical Geography*—2 hrs. during Winter half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Lectures, 2 hrs.; Recitations, 4 hrs.; Excursions. *Botany*—Laboratory Practice in the study of the Anatomy of the higher Cryptogamous and Phanerogamous Plants, 5 hrs.; Excursions. *Meteorology*—Lectures, 2 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Geology*—Recitations, 3 hrs. *Anatomy of Vertebrates*—2 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Recitations, 4 hrs.; Lectures, 2 hrs. *Botany*—Herbarium Studies, in any desired line; Botanical Literature; Essays in Descriptive Botany. *Sanitary Science*, *Laws of Heredity*, and *Principles of Breeding*—Lectures. *French* or *German*—3 hrs.

Besides the regular course of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught in the laboratories to prepare, arrange, and identify collections, to make dissections, to pursue investigations, and when sufficiently advanced, to describe genera and species in the language of science. For these purposes, large collections in Zoology and Botany belonging to the University are available.

(g.) IN MINERALOGY AND OTHER STUDIES PREPARATORY TO GEOLOGY:

JUNIOR YEAR:

In Junior year the course is identical with that in Chemistry.

SENIOR YEAR:

FIRST TERM:—*Crystallography*, including the use of the Goniometer and the measurement, drawing, and calculation of Crystals—Lectures or Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Advanced Course in Descriptive Mineralogy*—Lectures, 1 hr. *Determinative Mineralogy*. *Geology*—Recitations, 3 hrs.; Geological Excursions. *Zoology*—Lectures, 2 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Optical Properties of Crystals* followed by *Petrography*, including the use of the Polarizing Microscope—Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Descriptive Mineralogy*, continued—1 hr. *Determinative Mineralogy*, continued. *Geology*, continued—3 hrs. *Zoology*, continued—2 hrs. *French* or *German*—3 hrs.

Only a limited number will be admitted to this course.

(h.) IN BIOLOGY. PREPARATORY TO MEDICAL STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Comparative Anatomy and General Biology*—Lectures, Recitations and Laboratory Practice, 18 hrs.; *Physiology*—Recitations, 2 hrs. *Embryology*—Lectures during the Spring half-term, 1 hr. *Organic Chemistry*—continued, 2 hrs. *Mineralogy*—continued through Winter half-term, 4 hrs. *Botany*—Laboratory Practice in a study of the Types of the lower Cryptogamous Plants, 5 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Physiological Chemistry and Physiology*—Recitations and Lectures, 3 hrs.; Laboratory Practice, 13 hrs. *Organic Chemistry*—Lectures and Recitations, 2 hrs. *Zoology*—Lectures, 2 hrs. *Botany*—Laboratory Practice in the study of the Anatomy of the higher Cryptogamous and Phanerogamous Plants, 5 hrs. *Geology*—Recitations, 3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Physiological Chemistry, Physiology, and Experimental Toxicology*—Illustrative Lectures, Recitations, and Laboratory Practice, 24 hrs. *Organic Chemistry*—2 hrs. during Winter half-term. *Geology*—Recitations, 3 hrs. *Zoology*—Laboratory work in the dissection of typical Animal Forms, 4 hrs. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Laws of Heredity and Principles of Breeding*—Lectures, 2 hrs. during Winter half-term. *French* or *German*—3 hrs.

(i.) IN STUDIES PREPARATORY TO MINING AND METALLURGY:

Young men desiring to become Mining Engineers can pursue the regular Course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of Metallurgical Chemistry, Mineralogy, etc.

(j.) IN SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Physical Geography*—Recitations from Warren, and Lectures, 2 hrs. *English*—Early English, 3 hrs. *History*—Myers's Mediæval and Modern History, and Dalgleish's Periods of English History, 5 hrs. *French*—3 hrs. *German*—3 hrs.

SECOND TERM:—*Physical Geography*—continued, 2 hrs. during Winter half-term. *Botany*—Lectures; Laboratory Practice in the study of Phanerogamous Plants, 4 hrs. during Spring half-term. *Astronomy*—4 hrs. during Winter half-term. *English*—Chaucer, Bacon, Shakespeare, 2 hrs. during Winter half-term; 3 hrs. during Spring half-term. *History*—continued, 2 hrs. during Winter half-term; 3 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *English*—Shakespeare, 3 hrs. *Meteorology*—Lectures, 2 hrs. *Economics*—2 hrs. *Constitutional History of the United States*—3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Geology*—continued, 3 hrs. *Heredity*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Economics*—Recitations, Exercises, and Lectures, 4 hrs. *Political Science*—2 hrs. *English*—Shakespeare, Milton, Dryden, Pope, Gray, and later authors, 3 hrs. *French* or *German*—3 hrs.

Lectures and instruction in Military Science are given to the Senior class by the Professor of Military Science and Tactics, once a week during the Fall term.

The following account of the various subjects specified in the above scheme will explain the character and aim of the instruction.

ELEMENTARY CHEMISTRY—The exercises in Elementary Chemistry consist in recitations from a text-book, and experiments by the students in the laboratory to illustrate statements in the book. The object of the laboratory work is to facilitate the study of the subject, and to train the students in manipulation and in the observation of chemical phenomena. Notes are required, and students are questioned on the experiments.

ANALYTICAL CHEMISTRY,—*Qualitative and Quantitative.*—This study is intended to serve two purposes. Analytical Chemistry is used by the advanced student as a means of investigation in scientific or technical researches. The beginner, however, derives from its study advantages of another kind. The knowledge of the properties of chemical compounds, the familiarity with chemical reactions gained by experience in the laboratory, and the development of the reasoning faculties by the application of this knowledge in analytical processes, enable the student to generalize and classify chemical phenomena, and aid him to understand the more abstract theories of chemical philosophy. The method of instruction adopted conforms to this view of the uses of the study. Text-books are used and recitations are required, but the more important part of both study and instruction is performed in the laboratory. In order to solve the problems which are there constantly presented, the student, aided by books and instructors, must learn both principles and their applications. The student, throughout his course in Analytical Chemistry, spends three consecutive hours in laboratory work during five days of the week. The laboratory, however, is kept open seven hours daily for the benefit of graduate students and others who desire to devote more time to this study.

Qualitative Analysis forms a part of the courses in Chemistry, Biology, Agriculture, and Natural History. Quantitative Analysis is one of the more important studies of the Senior year in the Chemical Course. It is also included to some extent in the Agricultural Course.

GENERAL AND THEORETICAL CHEMISTRY—This subject occupies three hours a week during the whole of the Senior year in the Course in Chemistry. Remsen's *Inorganic Chemistry* is used as a text-book, and regular recitation work is supplemented, as occasion demands, by oral instruction. The course is designed to present to the student such a general view of the science of Chemistry as will enable him to appreciate the investigations which are being carried on at the present time in its various departments, and will also give him a knowledge of the fundamental principles involved in the chemical processes used in the arts.

ORGANIC CHEMISTRY—The course in Organic Chemistry is a combination of text-book work with experimental lectures. The class has two exercises weekly from the commencement of Junior year to the end of the first half of the second term of Senior year. Laboratory work in this department of Chemistry is required during the first term of Junior year and the first half of the second term of Senior year.

Opportunity is also afforded for the carrying on of original investigations in this subject, either in connection with theses, or as a part of the regular work in the case of advanced students.

PHYSIOLOGY—Elementary Physiology is taught by recitations and demonstrations, being designed especially for Junior students in the Biological course. In Senior year, particular attention is paid to the physiology of digestion and nutrition in connection with the study of Physiological Chemistry.

In experimental physiology the various graphic methods are illustrated and applied to the study of the phenomena of the muscular and nervous systems, the circulation, respiration, etc. The work in the laboratory involves the use of the ordinary forms of apparatus for physiological investigation. Stress is laid not alone upon the phenomena of the animal functions, but the topics selected are intended to familiarize the student with the problems and methods of scientific research in this domain. The more advanced students are kept in touch with progress in physiology by a physiological seminary.

PHYSIOLOGICAL CHEMISTRY and EXPERIMENTAL TOXICOLOGY—Physiological Chemistry is taught by laboratory exercises, illustrative lectures, and recitations. Each student is provided with a suitable working place in the laboratory, well equipped with all needed apparatus and material. The regular course of work, designed especially for Senior students in the Biological Course, extends through one year and embraces a thorough study of the chemical composition of the various tissues and fluids of the body, together with a study of the chemical and physiological processes of respiration, digestion, secretion, excretion, and nutrition in general.

Beginning with a study of the albuminous bodies, the experimental work extends through the epithelial, connective, contractile, and nervous tissues. Proceeding then to digestion, the various digestive fluids are studied, artificial digestions are made, and the several products of digestive action isolated and studied. The blood and urine are next considered, and students are taught to make both qualitative and quantitative analyses of the latter and to identify abnormal constituents. A portion of one term is also devoted to a study of the chemical reactions of the more important mineral and organic poisons, and their physio-

logical action is determined experimentally. Students are also taught how to separate poisons from organic tissues and fluids, and to identify them, both by chemical and physiological reaction. During the latter half of the second term of Senior year, opportunity is afforded for the carrying on of original investigations on some selected subject in either physiological chemistry or toxicology, in connection with the preparation of graduating theses. This course of work is particularly recommended to students intending to enter upon a course of medical studies.

COMPARATIVE ANATOMY and GENERAL BIOLOGY are taught by laboratory work, lectures, and frequent examinations. The regular course of instruction, intended especially for Juniors in the Biological Course, extends through the second term, and is designed to give the student the mental and manual training in the methods of investigation by which the facts and principles of these sciences have been established, and at the same time to give him a sufficient knowledge of their elements to enable him to pursue with profit the more special studies which follow.

The course begins with the general anatomy of the vertebrate type, in connection with the study of Elementary Physiology. Dissections of the frog and mammal are made under the immediate supervision of the instructor, and the student is required to make careful sketches and records of his work, which is supplemented by demonstrations and informal lectures. Some of the simpler forms of plants and animals are next studied microscopically, the methods of microscopical investigation taught, and the general facts of cell-structure illustrated. The histology of the higher animals is then studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues under the microscope. During the Spring term, instruction in embryology, with special reference to human morphology, is given by a short course of lectures and demonstrations.

Opportunity is also afforded for a short course of laboratory work in Bacteriology to such students as have sufficient time and are properly qualified.

GEOLOGY—The course in Geology includes recitations and oral instruction, extending through the year. During the first half-year, the recitations are attended by the entire Senior class, except those in the courses in Mechanical and Electrical Engineering. This part of the course includes Physical, Lithological, and Dynamical Geology. These subjects are illustrated by diagrams and specimens.

The last half-term of the year is devoted to Historical Geology and Palaeontology. This part of the course is pursued by all the Seniors except those in the Engineering courses. Suitable collections of fossils are used to illustrate the subject.

Opportunities are afforded for optional geological excursions during the warmer months.

MINERALOGY—The instruction in Mineralogy is carried on by means of practical work in a laboratory especially fitted up for the purpose, and is intended to familiarize the student with the common minerals, attention being devoted especially to those which are of economic, geological, or scientific importance. To understand better the chemistry of the subject, the student is first made familiar with the simple chemical and blowpipe reactions useful in testing minerals, and applies this knowledge later to the determination of unknown species. The students have access to a labeled collection, where they can study the properties of the minerals and make comparisons, and also to extensive unlabeled collections, arranged especially to give them practice and facility in the correct identification of minerals. In addition to the laboratory work, instruction is given in Crystallography, illustrated by a collection of models and natural crystals. The lectures in Descriptive Mineralogy to the more advanced students are illustrated by means of the extensive private collection of Professor Brush. The laboratory is provided with apparatus for the thorough chemical and physical investigation of minerals and with an extensive library to which students have access. The laboratory is open seven hours each day to accommodate any who desire to devote more time to the subject than is laid out in any of the prescribed courses.

LITHOLOGY—Elementary lectures with special application to economic uses and properties of rocks. For more advanced work see the statement in the catalogue of the Graduate School.

ZOOLOGY—The instruction in Zoology includes a course of lectures on Systematic Zoology, Morphology, and Embryology. These lectures are generally given twice a week, and continue during about half the year. The students are required to keep careful notes of the lectures.

Students in the Natural History course are also required to pursue a course of laboratory instruction during the second term of Junior and all of Senior year. This generally occupies from two to four hours a day on four days of each week. It includes dissections of various classes and orders of animals, with microscopic studies of the finer structures and of minute animal forms, as well as work in Systematic Zoology.

Special courses of recitations or lectures on particular subjects are also given when desirable.

BOTANY—In the courses in Biology, Natural History, and Agriculture, a general survey of the vegetable kingdom is made. Beginning with the simplest forms, selected types of the various classes of plants are examined in the laboratory, and their structure, development, and relationships are discussed in informal lectures. In the Select Course, a study is made in the laboratory of typical, green, flowering plants with special reference to the structure and functions of their various organs. Frequent written tests are also required. For those who may desire to prosecute the science professionally, the work is arranged to suit individual requirements, whether it be in the direction of Morphology, Physiology, or Systematic Botany, as applied to either flowering plants or the cryptogamous orders.

AGRICULTURE—The special instruction in the science of Agriculture is by recitations and lectures, with such aids and appliances as are suited to the class-room and laboratory. Besides Analytical and Agricultural Chemistry, it includes a discussion of the cultivation of the staple field crops of the country; theories of rural economy and systems of husbandry; the laws of heredity, and principles of stock-breeding; Botany, Mycology and the diseases of plants, and Zoology. Opportunity is afforded also for the study of insects injurious to crops.

SANITARY SCIENCE—The lectures on this subject discuss the natural laws which govern the public health; their relation to public sentiment and the form of government of communities; the significance and use of mortuary statistics; the germ-theory of disease and theory of disinfection; epidemics and pestilences, their relations to the prosperity of a community; methods of control; the hygiene of private dwellings and public buildings; the relations of the water-supply to public health; sewerage; the function of boards of health and methods of sanitary administration.

Hygiene—One lecture per week for the first eight weeks of the first term on personal hygiene and the care of the health, more especially as relative to student life.

HEREDITY—A course of twenty lectures is given during the second term of Senior year on the principles of Heredity, and their applications to stock-breeding, to medicine and hygiene, and to the investigation of certain sociological problems.

METEOROLOGY—Two lectures per week during the first term, embracing the physics of the atmosphere, the science of Meteorology, and the methods of weather-prediction used in the weather signal service.

PHYSICAL GEOGRAPHY—This subject occupies two hours per week in the Select Course, during the first term and first half of Winter term of Junior year, and includes the elements of Dynamical Geology. Warren's *Physical Geography* is used as a text-book, the recitations being supplemented by lectures and illustrated by means of maps, relief maps, models, and photographs.

MATHEMATICS—The Mathematical studies of the Freshman year are pursued by all members of the class; those of the Junior year, by students in the Engineering courses, and properly qualified special students who may choose them.

PHYSICS—The object of the experimental lectures is not only to elucidate the subjects treated in the text-books employed, but also to extend the treatment of such subjects, and to introduce others where thought desirable. A considerable portion of the work of the year is the preparation for recitation on matter thus presented.

The facilities of the Physical Laboratory are extended to such graduate students and Seniors as may desire them.

Course in Advanced Physics—A course of three lectures and two recitations per week, throughout the year, is supplemented by laboratory work. The earlier portion of the time is devoted to the theory of observation and the method of least squares. The course is optional to all who have a command of the calculus.

MILITARY SCIENCE AND TACTICS—Instruction in this course is obligatory upon the whole Senior class in all departments. The work is carried on chiefly by lectures, upon which satisfactory notes must be submitted. Such topics as the following are discussed: military economy; the American military problem; organization and reorganization; modern war on field and map; statistics and logistics; the combined use of "the three arms;" strategy and campaigning; orders of battle and grand tactics; special operations of war and field service; minor tactics and the art of war; use of cavalry in campaign and battle; use of artillery; use of infantry; and the Turko-Russian war. The course will terminate with an examination, and a special military certificate is awarded, by the Regular Army officer in charge of the department, to such students as attain a sufficient degree of proficiency, and give evidence of military aptitude. In connection with this course a brief original paper is required.

When a sufficient number of students desire it, practical instruction in drill in the School of the Soldier and School of the Company will be given. The names of the three most distinguished students in this department must be sent to the Adjutant General of the Army for publication in the Army Register, and also to the Adjutant General of the State to which each student belongs.

CIVIL ENGINEERING—The object of this course is to give, first of all, a thorough preparation in the principles of the various sciences involved, and afterwards, as extensive practice in the application of these principles as the time at disposal, the ability of the students, and the facilities and plant permit.

Under the first head are included such subjects as Mathematics, Physics, Mechanics, Thermodynamics, Astronomy, Geology, Mineralogy, and Chemistry; and under the second head, Drawing, Surveying, Strength and Properties of Materials, and Design and Construction of various kinds, such as Bridges, Roofs, Foundations, Arches, Retaining Walls, Dams, Water Works, Railroads, Improvement of Rivers and Harbors, Sewerage and Drainage, Motors, etc.

The first division includes Civil Engineering as a Science, the other, Civil Engineering as an Art. The ground covered by the first is definite, and the instruction is made as thorough as possible. The ground covered by the second is of almost indefinite extent. Here, by a careful selection of practical examples, such as occur in engineering practice, the application of principles is illustrated, and together with the analytical or algebraic methods, the student is also instructed in practical graphic solutions, wherever such solutions present a special value. Much time is devoted to geodetic operations and to surveying in the field. Instruction is given in the practical operations connected with the reconnaissance, location, and surveys of roads, canals, and railroads, such as setting out, cross-sectioning, setting grade stakes, calculation of earthwork, etc. The practical instruction in the Field-Work of the Senior year takes place in September, not less than three weeks before the beginning of the Fall Term. This instruction for the year 1898 begins on Monday, September 5th. Thorough instruction is also given in drawing and design, the construction of working-drawings, and principles of designing as applied to bridges, roofs, etc.

The method of teaching is by means of practical exercises, lectures, and recitations, so combined as to develop as far as possible the mental powers of the student. Visits of inspection are made at suitable intervals to private and public works of engineering interest.

The entire course requires five years, three years of undergraduate and two of graduate instruction; and a thesis of merit upon some approved subject, accompanied by designs and estimates, is required upon the completion of the course. Examinations are also held at the end of every term and year.

In what follows, such details are given as may be of interest to those who contemplate taking the course.

Mathematics—5 hours weekly, Junior year. See Synopsis of course.

French and German—Students in this course take the regular studies of the Junior and Senior classes in both German and French.

Drawing and Descriptive Geometry—Drawing is begun at once in the first term of Freshman year, under the charge of the Professor of Drawing in the Art School, and includes practice in free-hand drawing. In the second term, under the Instructor in Instrumental Drawing, the students take isometric drawing with application to drawing from models and structures by measurements, shading, tinting, conventional use of colors, principles of orthographic projections, and practice in making simple working-drawings, 4 hours both terms.

The Drawing of Junior year, 3 hours both terms, includes Descriptive Geometry, the drawing of structures from measurement, and elements of design for simple structures. The instruction is by recitations, lectures, practical exercises, and models, and is under the charge of the Instructor in Instrumental Drawing and the Professor and Instructor in Civil Engineering. Included in the work of this year is also the mapping of surveying field-notes.

In Senior year, the drawing consists of the mapping of the surveys of that year, and the designing of structures and finished drawings, designs, and estimates, under the charge of the Professor and Instructor in Civil Engineering, 6 hours both terms.

Surveying and Field Engineering—The instruction in the field occupies about 20 hours for six or more weeks in both terms of Junior year. The exercises at these times are so arranged as to secure as much consecutive time as possible in the field. The work of the Junior year includes the use and adjustment of instruments; practice surveys; recitations and lectures upon surveying operations and methods of keeping field-notes. Levels are run, surveys made, plotted, and checked; blue-print copies of drawings made, the use of compass, level, and transit acquired. In the second term of Junior year, land and topographical surveys are made and railroad curves run.

In the three weeks before the beginning of the first term of Senior year, a line of railroad is located and set out from a contour map previously obtained, grades and curves established and set out, and computations made. The theory of economic location is taught by lectures and recitations in connection with the field-work. The work is arranged so that each student has sufficient practice in all the various operations. The text-books used are Gillespie and Johnson's works, Henck's *Field Book*, Gore's *Elements of Geodesy*, and Merriman's *Theory of Least Squares*. The course is under the charge of the Instructor in Civil Engineering, aided by several assistants.

Mechanics of Engineering—Senior year, 6 to 8 hours, both terms. The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics. The course includes thorough instruction in the strength of materials, the stability of foundations, retaining walls, dams

and embankments, and masonry arches, by lectures and graphic methods. Questions of hydraulics, water-supply, the measurement of discharge, and the theory and construction of water-motors receive attention.

Construction and Design—Senior year, 6 hours both terms. A thorough course is given in the determination of stresses and the detailed design of roofs, bridges, etc., with working-drawings, specifications, and estimates. Visits of inspection are made, and recitations and lectures held in connection with the work in the drawing room.

Astronomy—This course occupies 6 hours during the second term of Senior year, and includes practical work and the use of the sextant and transit in determining time, latitude, and azimuth.

Geology—This course occupies 3 hours up to the middle of the second term of Senior year.

Mineralogy—This course, under the Professor of Mineralogy, occupies three hours up to the middle of the second term in Senior year.

A course of lectures on the theory of electricity and its applications, by the Professor of Physics, is open to students in this department, and can be taken as a part of the preparation for a graduate course in the higher branches of electrical science.

MILITARY ENGINEERING—The object aimed at is to disseminate military information, and to awaken interest in the application of the arts of peace to those of possible war. In connection with the courses of Civil Engineering and Military science, lectures will be given upon such topics as: systems of fortification; sea-coast defenses; hasty intrenchments; passage of rivers and military bridges; military reconnaissance, and instruments; battlefield telemetry and methods; sea-coast range-finding, and ship-tracking devices; gunpowder and ballistic machines; high explosives and demolitions; gun metals, modern ordnance, and gunnery; armor plates, turrets, projectiles and fuses, torpedoes, submarine mines, military electric installation, and countermining.

MECHANICAL ENGINEERING—The objects aimed at in the plan of instruction in this course are, to give to the student a thorough training in elementary and advanced Mathematics and Physics, and their application to the science of construction; to make him familiar with the general principles of Engineering and with the practical details of mechanical construction through which these principles are made useful; and to enable him ultimately, in beginning the work of his profession, to bring to bear upon it a well balanced store of theoretical and practical knowledge, and a mind trained in correct habits of thought and work.

The complete course covers five years, three of which are spent in undergraduate study, and two in a graduate course, a portion of which

may be given to actual practical work. The subjects and methods of instruction in the undergraduate course are as follows :—

Mathematics—See Synopsis, page 155.

French and German—Students take the regular studies of the Junior and Senior classes in both French and German.

Shop-Visiting divides the time equally with Drawing in the Junior year until the spring recess. The student, accompanied by the instructor, is employed in studying machinery in use and in process of construction in different machine-shops in the city. He is required to make satisfactory, carefully dimensioned sketches, from measurements taken by himself, of the complete machines and their parts, and to describe the tools and mechanical operations used in producing the simpler pieces.

Drawing—Descriptive Geometry is taught in the drawing room by lectures and recitations, and by exercises at the drawing board, where the problems are solved graphically by the student. Instruction in drawing Machine Elements is given in the Junior year. Models and cartoons showing examples of approved practice are used by the instructor, who also gives personal attention to each student's work at the board as it progresses.

Principles of Mechanism—This is a course in theoretical and applied Kinematics. Instruction is by text-books and lectures, illustrated by diagrams and models, an extensive collection of which belongs to the School and is accessible to the student.

Steam Engine—Recitations and lectures in this subject begin in the Junior year, after the spring recess. They relate to the structural details of engines and to the mechanical principles involved in their working. The subject is continued in the Senior year, when particular attention is directed to various kinds of valve-gear, the governor, the fly-wheel, balancing, and the effect of the weight of the reciprocating parts. In the second term of Senior year, the study of steam boilers follows that of engines.

Indicator Practice—In the Senior year, the student is afforded opportunities to apply the indicator to various engines in operation, and has practice in reading indicator cards and measuring them by the planimeter. He is taught to detect such defects in the engine as are shown by the cards.

Applied Mechanics—In this course lectures, recitations, and exercises in the solution of practical problems, relate to the topics specified under this head in the scheme on page 155.

Thermodynamics—Recitations and lectures on the mechanical theory of heat and its application to hot-air engines, gas engines, and the steam engine.

Machine Design—The course in this subject consists chiefly in practical exercises at the drawing board, and partly in lectures on the func-

tions of machines and the mechanical principles which are applied in determining the proportions of machinery. The student, under the guidance of an experienced instructor, is employed in making complete working-drawings of machines, many examples of which are in the drawing rooms and the basements of the school. He does not copy the examples, but is required to change the dimensions and in many cases to alter the design, and is ultimately taught to make partly new designs of important machinery, such as cranes, yacht engines, machine tools, boilers, etc. The discipline the student receives is such as he would obtain in the drawing office of an engineering establishment, while he is also carefully instructed in the theory of the subject he deals with, and in the practical bearing of all his work.

In the Senior year, several excursions are made by the class, accompanied by one or more instructors, to neighboring manufacturing and engineering centers where large manufactories, pumping works, ocean steamers, etc., are visited. Full notes must be taken, and a satisfactory written report upon the machinery examined is required.

ELECTRICAL ENGINEERING—This is necessarily a course in mechanical engineering with a substitution of the essentials of electrical science in place of a portion of the work in that department. Thus what has been written concerning the studies of that course is equally applicable to the same studies in the electrical course. The work in electricity proper consists of three lectures each week and two recitations on the subjects then treated. With these the student is required to spend six hours each week in the physical laboratory During the early portion of the laboratory course especial attention is given to the instruments and methods of physical investigation, and as soon as a sufficient knowledge of them is acquired the student applies it to the study of the electric and magnetic properties of matter and their application to the arts. A well-equipped laboratory, and a dynamo room with various examples of standard instruments and a large secondary battery, yield excellent facilities for this kind of instruction. Considerable additions to the apparatus are made every year.

ASTRONOMY—Students in the Select Course receive instruction in Astronomy four hours per week during the Winter half-term of Junior year.

Students of Civil Engineering during the second term of their Senior year have six recitations per week, and also practical experience in the determination of time, azimuth, latitude, longitude, etc.

ENGLISH—The course is designed to give the student acquaintance with the great representative writers of the various epochs. A history of the language is one of the studies of the Freshman year; and after that year the study of the language is made entirely subordinate to that of the literature. During the first term of Junior year, however, extracts from Early English authors are read and Early English Grammar is studied, so as to familiarize the student with the inflections then in use and the distinctions existing between the leading dialects. It is the aim of this term's work to give such knowledge of forms, and to some extent of words, that the student will be able to read at sight any Early English author whose writings do not involve special difficulties of language or vocabulary.

With the second term, the regular study of English literature proper begins with Chaucer; and for the rest of the course till the end of Senior year the following authors are read: Bacon, Shakespeare, Milton, Dryden, Pope, Gray, Goldsmith, and later writers. Those mentioned in the list are always studied, but other authors not named are also taken up, the course varying somewhat in different years. In all cases, complete works of a writer are studied, not extracts; as, for instance, several of Chaucer's *Tales*, and several of the plays of Shakespeare. The authors are taken up in chronological order, and the literary history of the time is likewise carried on in connection with the great representative writers of each period.

ENGLISH COMPOSITION—This course, required of the entire Junior class, consists of weekly exercises based on selections from the writings of well-known authors, such as Irving, DeQuincey, and Macaulay. While it intends in the first place to give freedom of expression and the correction of the most obvious faults by practice in writing rapidly the substance of a passage previously assigned, it also aims to direct the attention of the student to qualities of style and methods of composition, to arouse his appreciative interest in the works as literature, and to improve the quality of his writing by improving the quality of his thought. To this end occasional discussions of the selections read will occupy a part of the weekly hour.

GERMAN AND FRENCH—Each of these languages is studied for two years by every member of the school. That language which the student offers at his examination for entrance is studied until the end of Junior year, The other language is begun at the opening of Junior year and studied until the end of the course. Thus each student has either German or French during Freshman and Senior years, and both languages during Junior year.

GERMAN—This department has a twofold purpose, to prepare the student to use the language easily and intelligently for those purposes which his course may require, and to supplement the practical training of his special studies by securing some of the important disciplinary results of linguistic study. A systematic and thorough study of the structure of the language is made the essential basis for all work in this department. As early as possible practical work with the language itself is begun, accompanied throughout the course by lectures and dictation, and by written translations from English into German. The subjects of derivation, composition and the relation of German and English are systematically studied with reference both to their practical aid in the acquisition of a vocabulary and to their scientific value in the establishment of correct ideas of the nature and growth of language. While it is not a primary aim, the course seeks to lay the foundation for the colloquial use of the language by imparting a familiar knowledge of grammatical forms, by the regular reading aloud of German texts, and by the frequent framing of German sentences based on the reading of the day.

The cycle of texts used differs somewhat with each class. The plan is to familiarize the student with some of the best specimens of modern prose and poetry, aiming in this selection to introduce him to a sufficient number and variety of works to overcome the usual difficulties of style and vocabulary. With the more advanced divisions, toward the end of the course, some masterpiece of German literature is critically studied, and incidentally some knowledge is gained of the history and present state of German literature.

Opportunity for advanced or special work will be offered should occasion require.

FRENCH.—The aim of the study in the French department will be to impart a practical acquaintance with the language, so that it may be an aid to the student in his professional or other work, in travel, in obtaining a better comprehension of the institutions of France, and in profiting by its highly important literature. The value of the study as disciplinary drill and a means to general culture is at the same time clearly kept in view.

With those beginning the subject, grammar is reduced to its simplest terms; only the grammatical forms (even these treated mainly as vocabulary) and the few main principles are insisted upon, without which no accurate translation is possible. Some continuous text, of interesting character, is taken up early in the first term. Then follows translation of representative authors, rather of the modern than older periods, alternating with prose composition, further acquirements in grammar, and such attention to the Latin origin of the language, based upon the

clear statements of Brachet, Clédat, Brunot and Darmsteter, as may help to fix vocabulary in mind. A brief review of grammar is also a part of the work of the advanced classes at the opening of each year.

Proper pronunciation is insisted upon, and as an aid in this direction, a part of the work of the class-room is conducted in French, thus laying a basis for future fluency in conversation.

Such students of the Freshman class as give evidence of a sufficient previous preparation may be formed into a special division for advanced work, and, on passing the examination at the end of the year are exempted from further pursuit of the subject.

At the discretion of the instructor, the students sufficiently advanced take up a manual of French literature, in the French language, and, while a dry list of names and dates is avoided, they are put in possession of such a connected account of the development of French life and letters and of the salient literary periods as must prove a valuable guide for future reading.

SPANISH—The instruction in the Spanish department has in view those who may be called to engage in scientific or commercial pursuits in the countries of Spanish America. It proposes a correct pronunciation, facility in reading texts of many sorts, composition, including the forms of letter-writing, and such beginnings of conversation as will be a useful basis for rapid further development when the opportunity and need arise, through residence in a foreign country.

Grammar is condensed to its essentials, that the greater amount of time may be secured for reading. Manning's Practical Spanish Grammar has been used. Amusing conversational plays have been used for translation, occasionally Spanish and Mexican newspapers, and finally some such work of standard fiction as Pérez Galdós' "Trafalgar," one of the *Episódios Nacionales*. A measure of attention will be paid to the origin of the language, and its peculiar method of development from the Latin explained, as contrasted with the other languages of the same family. A brief view of the representative earlier literature will be given, based upon Ticknor, and a more detailed account (with readings) of Pereda, Valdés, Galdós, and Valera, who lend such a lustre to Spanish fiction at the present day. Spanish is offered as an optional study during Senior year.

HISTORY. 1. *Junior Year*—The greater part of the work is carried on by means of recitations. Fisher's *Brief History of the Nations*, Myers' *Mediæval and Modern History* and Dalgleish's *Periods of English History* are used as text-books. Both oral and written recitations are

employed, and frequent lectures are given on different questions of interest and importance. Bi-weekly or monthly tests are given as the importance of the subject-matter may warrant.

In the Ancient Period a brief survey is given of the Oriental Monarchies and a more extended study of Greece and Rome is taken up, for the purpose of showing the development of the practically uniform civilization which the Germans found on coming into the Roman Empire.

In the Mediaeval Period special attention is given to the growth of civilization and to the development of the religious, intellectual, political, and economic forces which culminated in the Reformation and ushered in the Modern Period.

In Modern History special attention is given to the political history of Europe as an introductory study to the present European situation.

Throughout the year the three text-books are used conjointly for the purpose of showing to the student the position that England has taken in the general history of Europe.

2. *Senior Year*—During the first term a short course is given in the Constitutional History of the United States. *Epochs of American History* (published by Longmans) is used as the basis for study by the class. Frequent lectures are given to develop points of constitutional importance.

The students are encouraged to pursue independent courses of reading, and references are given to works in the University Library. There is also a small historical library in the recitation-room from which the students may draw books. Constant use is made of historical maps in connection with recitations and lectures.

POLITICAL SCIENCE—The course in history serves as a preparation for the course in Political Science. The subject is treated historically and comparatively. Professor Woodrow Wilson's *The State*, which is used as a text-book, is supplemented by lectures and collateral reading. The object constantly kept in view is to lead the student through the study of other forms of government to a broad and intelligent knowledge of the Constitution of the United States.

POLITICAL ECONOMY—In the beginning of the course, an effort is made to familiarize the students with the fundamental principles of Economics, and more particularly to train them in economic reasoning. More difficult problems are then taken up and discussed, and special topics are assigned to the class for investigation. A small library, containing a number of copies of each of the principal authorities, has been provided, in order that the students may be able to familiarize themselves somewhat with the literature of the subject, without expense to themselves. The instruction is given partly by means of text-books and partly by lectures.

THE TERMS AND VACATIONS correspond with those of the College. (See Calendar, p. 6.)

EXPENSES—THE TREASURER'S BILLS are made out and delivered to the students three times a year, viz: at the beginning of each term or half-term, at which time they are payable. Drafts on Boston, New York, and Philadelphia are received at par. The annual charge for tuition for undergraduate students is $150. An additional charge of $5 for each term or half-term is made for incidentals, including the use of libraries, public rooms, gymnasium, and reading-room. The student in the Chemical and Biological Courses has an additional charge of $15 per term, or half-term, for chemicals and the use of apparatus in the chemical laboratories. He also supplies himself at his own expense with flasks, crucibles, etc., the cost of which should not exceed $10 a term.

For graduate students the charge for tuition is one hundred dollars per year.

The fee for graduation as Bachelor of Philosophy is $10, unless the person taking the degree is also an academical graduate, when it is but $5.

BUILDINGS AND APPARATUS

The five buildings in which the work of instruction in the Scientific School is mainly carried on are called Sheffield Hall, North Sheffield Hall, Sheffield Biological Laboratory, Winchester Hall, and Sheffield Chemical Laboratory. Instruction in Mineralogy, Geology, and Zoology is given in the Peabody Museum, and in Free Hand Drawing in the Art School. These buildings contain a large number of recitation and lecture rooms, a hall for public assemblies and lectures, chemical, physical, biological, and metallurgical laboratories, besides studies for some of the professors, where their private technical libraries are kept.

The following is a summary statement of the collections belonging to the School:

1. Laboratories and Apparatus in the several branches of Chemistry, Metallurgy, Physics, Zoology, Comparative Anatomy, General Biology, Physiology, and Bacteriology.
2. Metallurgical Museum of Ores, Furnace Products, etc.
3. Agricultural Museum of Soils, Fertilizers, useful and injurious Insects, etc.
4. Collections in Zoology and Comparative Anatomy.
5. Astronomical Observatory, with an equatorial telescope by Clark & Sons, of Cambridge, a meridian circle, etc.
6. A collection of Mechanical Apparatus and Machinery, including the "Collier Cabinet."
7. Models in Architecture, Geometrical Drawing, Civil Engineering, Topographical Engineering, and Mechanics; diagrams adapted to public lectures; instruments for field practice.
8. Maps and Charts, topographical, geological, hydrographical, etc.
9. The herbarium of Professor Brewer is deposited in Sheffield Hall, while the herbarium and botanical library of the late Professor Eaton, generously given to the University by his family, are in the botanical laboratory, the east wing of Sheffield Hall, in a fire-proof room especially constructed for their safe-keeping.

The building of the Sheffield Young Men's Christian Association, No. 138 College Street, contains pleasant and well furnished reading rooms, within a few steps of Sheffield Hall. This building, which is the gift of Mrs. W. F. Cochran, of Yonkers, N. Y., is for the present, at the request of the graduate advisory committee, held in trust for the association by the donor.

Students are also entitled to the use of the University and Society libraries, the College Reading-Room, the School of the Fine Arts, the Yale Dining Hall, and the Gymnasium.

LIBRARIES AND READING-ROOMS

The Library of the University, containing about 240,000 volumes besides some 100,000 pamphlets, is open every week-day to students for consultation and for the drawing of books and also in the evening for consultation; in a separate part of the building is the Linonian and Brothers

Library, a collection of about 20,000 volumes in general literature, specially selected for the use of undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening. There is also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

The special technical library of the Scientific School consists of about five thousand volumes. Included in this is the "Hillhouse Mathematical Library" of twenty-four hundred volumes, collected during a long series of years by Dr. William Hillhouse, and in 1870 purchased and presented to the institution by Mr. Sheffield. A catalogue of this collection forms a supplement to the Annual Report of the Governing Board of 1870. All the prominent scientific journals of this country and of Europe, together with the proceedings of foreign academies and scientific societies, can be found, either in this library or in the University Library to which students have access.

There is also a special chemical library in the new chemical laboratory, in which the principal chemical journals and periodicals, both of this country and of Europe, may be found; and a small library of History and Political Science is located in one of the class-rooms for the convenience of students pursuing these subjects.

GYMNASIUM

THE UNIVERSITY GYMNASIUM is designed to provide all the students with opportunities for exercise, under the advice of a director, who is a regularly educated physician, and any student may enter the class of general gymnastics, under the Director's immediate care. The building contains: a complete Turkish bath, marble swimming pool, marble tubs, bowling alleys, rowing-tanks, free showers, separate rooms for boxing, fencing, wrestling,

and manly sports, a locker room, and the main exercise-hall, which offers a clear floor-space of 10,000 square feet, and is from 22 to 56 feet in height. A thorough physical examination and measurement of each student is made yearly by the director, and a record of these results is kept as a basis of advice as to exercise and regimen ; an examination of this record shows that the standard of health of the average student improves during his course.

DINING HALL

THE YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The hall contains seats for 450, and is open to students of the Academical and Scientific Departments.

CHURCH SITTINGS

Free sittings for students in this department of Yale University are provided as follows : in the Center Church and United Church (Congregational) ; in Trinity Church (Episcopal) ; and in the First Methodist Church.

Those who prefer to pay for a sitting for one year, more or less, in the churches above mentioned, or in any other church of any denomination, will be aided on application to the Secretary of the School.

Sittings in the gallery of the College Chapel are free as heretofore to the students of this Department.

DEGREES

Students of this Department, on the recommendation of the Governing Board, are admitted by the Corporation of Yale University to the following degrees :

1. BACHELOR OF PHILOSOPHY : This degree is conferred on those who complete any of the three-year courses of study, passing all the examinations in a satisfactory manner. All candidates for honors must present, on or before June 1st, a meritorious thesis on some subject approved by their class-officer.

2. MASTER OF SCIENCE: The requirements for this degree are stated on page 140.

3. CIVIL ENGINEER AND MECHANICAL ENGINEER: The requirements for these degrees are stated on pages 142 to 144.

4. DOCTOR OF PHILOSOPHY: The requirements for this degree are stated on page 141.

The degrees are publicly conferred by the President and Fellows of the University on Commencement Day.

SCHOLARSHIPS AND PRIZES

THE HOLMES SCHOLARSHIP, founded by Samuel Holmes, Esq., amounts to fifty dollars per year. The recipient must be a citizen of Middlebury, Prospect, Waterbury, or Wolcott, Connecticut; the appointments are made by the Board of Agents of the Bronson Library in Waterbury.

THE DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY — Mrs. Eaton has given a fund of two thousand dollars to found a Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

Prizes are also offered annually, to members of the Senior Class for excellence in Civil Engineering and in Mechanical Engineering; to members of the Junior Class for excellence in Mathematics, in German and in History; to members of the Freshman Class for excellence in all the studies of the year, in Physics, in German, in French, in Chemistry, in Mathematics, and in Drawing. The names of the three students most distinguished in the Department of Military Science are annually published in the United States Army Register.

GRADUATE SCHOOL

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*
EDWARD J. PHELPS, LL.D., *Professor of Law*
GEORGE J. BRUSH, LL.D., *Professor of Mineralogy*
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*
JOHN E. CLARK, M.A., *Professor of Mathematics*
ARTHUR M. WHEELER, LL.D., *Professor of History*
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*
CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*
THOMAS R. LOUNSBURY, LL.D., L.H.D., *Professor of English*
OTHNIEL C. MARSH, PH.D., LL.D., *Professor of Palaeontology*
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*
JOHN H. NIEMEYER, M.A., *Professor of Drawing*
TRACY PECK, M.A., *Professor of Latin*
ADDISON E. VERRILL, M.A., *Professor of Zoology*
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*
CHARLES H. SMITH, LL.D., *Professor of American History*
JULES LUQUIENS, PH.D., *Professor of Modern Languages*
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*
WILLIAM G. MIXTER, M.A., *Professor of Chemistry*
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin*
HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
A. JAY DUBOIS, C.E., PH.D., *Professor of Civil Engineering*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
CHARLES S. HASTINGS, PH.D., *Professor of Physics*
FRANK A. GOOCH, PH.D., *Professor of Chemistry*
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*

ANDREW W. PHILLIPS, PH.D., *Dean, and Professor of Mathematics*
GEORGE B. ADAMS, PH.D., *Professor of History*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*
HENRY W. FARNAM, R.P.D., *Professor of Political Economy*
EDWARD P. MORRIS, M.A., *Professor of Latin*
HENRY R. LANG, PH.D., *Professor of the Romance Languages*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*
SAMUEL L. PENFIELD, M.A., *Professor of Mineralogy*
HORACE L. WELLS, M.A., *Professor of Analytical Chemistry and Metallurgy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
CHARLES E. BEECHER, PH.D., *Professor of Historical Geology*
EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*
ARTHUR H. PALMER, M.A., *Professor of German*
HORATIO M. REYNOLDS, M.A., *Professor of Greek*
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
LOUIS V. PIRSSON, PH.B., *Professor of Inorganic Geology*
EDWARD G. BOURNE, PH.D., *Professor of History*
GUSTAV GRUENER, PH.D., *Professor of German*
HORATIO W. PARKER, M.A., *Professor of Music*

OTHER INSTRUCTORS

REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History*
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*
WILLIAM BEEBE, B.A., *Assistant Professor of Mathematics and Astronomy*
REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of Hebrew*
GEORGE L. FOX, M.A., *Lecturer on Municipal Administration*
REV. WILLIAM F. BLACKMAN, PH.D., *Professor of Christian Ethics*
SAMUEL E. BARNEY, C.E., *Assistant Professor of Civil Engineering*
FREDERICK WELLS WILLIAMS, B.A., *Instructor in Oriental History*
WILLIAM J. COMSTOCK, PH.B., *Instructor in Organic Chemistry*
JAY W. SEAVER, M.D., *Associate Director of the Gymnasium*
REV. BENJAMIN W. BACON, LITT.D., D.D., *Professor of New-Testament Greek*

REV. FRANK C. PORTER, PH.D., D.D., *Professor of Biblical Theology*
E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
ROBERT L. TAYLOR, B.A., *Instructor in French*
WILLIAM G. ANDERSON, M.D., *Associate Director of the Gymnasium*
JAMES J. ROBINSON, PH.D., *Instructor in Latin*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
WILBUR L. CROSS, PH.D., *Assistant Professor of English*
WARREN A. ADAMS, PH.D., *Instructor in German*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Science*
REV. ARTHUR FAIRBANKS, PH.D., *Instructor in Greek*
ROBERT N. CORWIN, PH.D., *Assistant Professor of German*
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*
EDWARD G. BUCKLAND, M.A., LL.B., *Assistant Professor of Evidence*
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*
JAMES PIERPONT, PH.D., *Assistant Professor of Mathematics*
IRVING FISHER, PH.D., *Assistant Professor of Political Economy*
PERCY F. SMITH, PH.D., *Assistant Professor of Mathematics*
JACOB WESTLUND, B.A., *Instructor in Mathematics*
HENRY DAVIES, PH.D., *Lecturer on the History of Philosophy*
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*
ALEXANDER W. EVANS, M.D., *Instructor in Botany*
HENRY L. WHEELER, PH.D., *Laboratory Instructor in Organic Chemistry*
HERBERT A. SMITH, PH.D., *Instructor in English*
PHILIP E. BROWNING, PH.D., *Instructor in Chemistry*
JAMES LOCKE, PH.D., *Instructor in Chemistry*
LAFAYETTE B. MENDEL, PH.D., *Assistant Professor of Physiological Chemistry*
JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*
GEORGE P. STARKWEATHER, M.E., *Instructor in Applied Mechanics*
WESLEY R. COE, PH.D., *Instructor in Biology*
BERTRAM B. BOLTWOOD, PH.D., *Instructor in Analytical Chemistry*
ARTHUR L. WHEELER, PH.D., *Tutor in Latin*
WENDELL M. STRONG, M.A., *Tutor in Mathematics*
HARRY W. DUNNING, PH.D., *Instructor in Semitic Languages*
GERVASE GREEN, PH.D., *Assistant in Philosophy and Pedagogy*
JAMES W. BROATCH, B.A., *Assistant in English*

ADMINISTRATIVE COMMITTEE,

WITH CONSULTATION HOURS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT,
Room 7, Treasury Building, daily, 10.30 A. M. to 12 M.

ANDREW W. PHILLIPS, PH.D., DEAN, *and Professor of Mathematics*,
90 High street, daily, except Saturday, 2.30 to 4 P. M.

GEORGE J. BRUSH, LL.D., *Director of the Sheffield Scientific School*,
3 Sheffield Hall, daily, 10 A. M. to 12 M.

ARTHUR M. WHEELER, LL.D., *Professor of History*,
C_2 Osborn Hall, Monday and Friday, 10.30 A. M. to 12.30 P. M.

CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*,
112 Winchester Hall, 9 A. M. to 12 M., Wednesday and Saturday.

REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*,
275 Lawrance Hall, Wednesday and Saturday, 10 to 11 A. M.

THOMAS D. SEYMOUR, LL.D., *Professor of Greek*,
22 Phelps Hall, daily, 11 A. M. to 12 M.

ALBERT S. COOK, PH.D., L.H.D., *Professor of English*,
219 Bishop street, daily, 2 P. M.

HENRY W. FARNAM, R.P.D., *Professor of Political Economy*,
43 Hillhouse av., daily, 2 to 3 P. M.

RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*,
64 Sheffield Biological Laboratory, Monday, Tuesday, Wednesday, and Thursday, 9 A. M. to 12 M.

ARTHUR T. HADLEY, M.A., *Professor of Political Economy*,
E_2 Osborn Hall, Saturday, 10.30 A. M. to 1 P. M.

FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*,
77 Mansfield st., daily, 2 to 3 P. M.

GENERAL STATEMENT

ORGANIZATION

The Graduate School of Yale University forms a section of the Department of Philosophy and the Arts, which was first formally organized in 1847 for scientific and graduate instruction, but now includes Yale College, the Sheffield Scientific School, the School of the Fine Arts, and the Department of Music.

The degrees of Doctor of Philosophy and Civil Engineer were first offered in 1860, the degree of Dynamical or Mechanical Engineer in 1873, that of Master of Arts (previously given without evidence of study) in 1874, and that of Master of Science in 1897.

The professors in the several sections of the Department of Philosophy and the Arts together constitute the Faculty of the Graduate School. The general oversight of graduate instruction and graduate students is entrusted to the Dean and the Administrative Committee, who may be called upon for information and advice. Students are expected to report to the Dean soon after reaching New Haven.

ADMISSION AND REGISTRATION

Graduates of this and other Colleges and Universities, and (in exceptional cases, by special permission) other persons of liberal education, who are at least eighteen years old, are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

All graduate students who are not regularly enrolled in any other department of the University, are required to register their names at the office of the Dean at the beginning of each year of study.

The degree of Doctor of Philosophy, with the courses of the Graduate School leading thereto, is open to candidates without distinction of sex.

INSTRUCTION

Courses of study are offered in the following departments:

PSYCHOLOGY, ETHICS, AND PHILOSOPHY.
POLITICAL AND SOCIAL SCIENCE, AND HISTORY.
SEMITIC LANGUAGES AND BIBLICAL LITERATURE.
SANSKRIT, LINGUISTICS, AND CLASSICAL PHILOLOGY.
MODERN LANGUAGES AND LITERATURES.
NATURAL AND PHYSICAL SCIENCE.
PURE AND APPLIED MATHEMATICS.
THE FINE ARTS.
MUSIC.
PHYSICAL CULTURE.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by the direction of work in the laboratories and with instruments.

The attention of teachers who desire to fit themselves more thoroughly for a higher grade of professional work is called to the advantages offered by this department for pedagogical instruction and discipline. In addition to the special and advanced study of the subjects in which the graduate student desires instruction, and the pursuit of courses in psychology, ethics, philosophy, and of other courses cognate with pedagogy, opportunity is afforded to observe the actual practice in the class-room, as well as the organization of the different departments of the University and their methods of work.

CLUBS

In various voluntary associations, instructors and students meet together periodically for the reading of papers, oral discussions, etc.; such are:

THE CLASSICAL CLUB.
THE MATHEMATICAL CLUB.
THE POLITICAL SCIENCE CLUB.

THE PHILOSOPHICAL CLUB.
THE SEMITIC CLUB.
THE BIBLICAL CLUB.
THE MODERN LANGUAGE CLUB.
THE ENGLISH CLUB.
THE PHYSICS JOURNAL CLUB.
THE ENGINEERS' CLUB.
THE CHEMICAL CLUB.

FEES AND EXPENSES

The fee for instruction is generally one hundred dollars; but it may be more, or less, according to the courses pursued and the amount of instruction received.

A special fee of five dollars is charged to those who use the Gymnasium, and one of two dollars to those admitted to the use of the College Reading Room.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

A list of suitable rooms is kept at the Dean's office.

LIBRARIES AND READING-ROOMS

Students have the free use of all the Libraries of the University. The whole number of volumes in the several libraries of the University is more than 275,000.

THE UNIVERSITY LIBRARY contains more than 235,000 volumes, and many thousands of unbound pamphlets. Its READING-ROOM contains the books most important for daily consultation and reference, together with scholarly periodicals. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number,—the foreign serials alone being not less than five hundred.

THE LINONIAN AND BROTHERS LIBRARY contains about 20,000 volumes of the best current literature.

THE COLLEGE READING-ROOM receives fifty-five daily newspapers, American and foreign, nearly sixty weeklies, and about eighty other periodicals—in addition to the periodicals received at the University Library. Graduate Students are admitted to the College Reading-Room on payment of an annual fee of two dollars.

THE SHEFFIELD SCIENTIFIC SCHOOL LIBRARY contains 5,000 volumes, largely mathematical.

THE ART SCHOOL LIBRARY contains about 500 volumes of expensive illustrated works.

THE LOWELL MASON LIBRARY contains 4,000 volumes of music.

The Peabody Museum, the Observatory, and the several Laboratories have valuable technical libraries.

Several of the departments of study (the Classical, English, Political Science, and Historical) have special libraries of standard works for the use of advanced students.

Dwight Hall, the headquarters of the Young Men's Christian Association, is provided with a good library and a pleasant reading-room, besides the halls used for religious meetings.

A parlor and study-room at 135 Elm street is fitted up for the special use of the women studying in the Graduate School.

LABORATORIES, MUSEUMS, AND COLLECTIONS

The Peabody Museum of Natural History.

The Physical, the Chemical, the Biological, and the Engineering Laboratories, and the Eaton Herbarium, of the Sheffield Scientific School.

The Sloane Physical, the Kent Chemical, and the Psychological Laboratories of Yale College.

The collections of the School of Fine Arts.

The collection of coins in the University Library, and various collections of models, casts, and photographs used in the teaching of mathematics and in other departments of instruction.

LECTURES AND CONCERTS

The following courses of public lectures and concerts are open to the students of the University:

THE SHEFFIELD COURSE.
THE ART COURSE.
THE DIVINITY SCHOOL LECTURE COURSES.
THE AMERICAN LECTURES ON THE HISTORY OF RELIGIONS.
THE DWIGHT HALL COURSE.
THE PHI BETA KAPPA COURSE.
THE KENT CLUB COURSE.
THE UNIVERSITY CHAMBER CONCERTS.
THE SYMPHONY ORCHESTRA CONCERTS.

DEGREES

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work will be required, but in certain exceptional cases work of equal grade at another University may take the place of a year's residence here. The thesis must be deposited at the Library for public inspection, not later than May 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for graduation is ten dollars. The fee for instruction is one hundred dollars.

THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of Yale College (and upon Bachelors of Arts of other colleges who have pursued a course of study equivalent to that pursued in Yale College) of two years'

standing or upwards, who have given to the College Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree. Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the College Faculty, followed by an examination. Graduates of other colleges can obtain the degree only by residence as thus described. The charge for instruction will usually be one hundred dollars, with a fee of ten dollars for the degree.

Such Bachelors of Arts *of Yale College* as may not choose to reside at the College for the prosecution of study may show at any time, not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree. In the case of these non-residents a fee of twenty-five dollars must accompany the application for the designation of a course of study leading to the degree. A like fee must be paid in advance for the examination of a printed essay submitted as evidence that the candidate has satisfied the required conditions for the degree. An additional fee of ten dollars will be charged for the degree.

A committee of the Faculty is appointed (consisting for the present year of Professors Wheeler and Phillips), to whom candidates for this degree must submit their proposed courses of study for approval by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by June 1.

THE DEGREE OF MASTER OF SCIENCE is conferred on graduates of this or other universities, of two years' standing or upwards, who have taken their first degree in science and who pursue successfully a higher course of study in science under the direction of the Governing

Board of the Sheffield Scientific School. Such a course will involve at least one year of resident graduate study, followed by an examination and presentation of a satisfactory thesis in some department of science. A committee of the Faculty is appointed to whom candidates for this degree must submit their proposed courses of study for approval before the end of October of each year.

THE DEGREES OF CIVIL ENGINEER AND MECHANICAL ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course under the direction of the Governing Board of the Sheffield Scientific School for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions and to make the requisite drawings and calculations. The fee for graduation is five dollars.

FELLOWSHIPS AND SCHOLARSHIPS

FIVE FELLOWSHIPS yielding four hundred dollars each, and twenty Scholarships yielding one hundred dollars each, have been created by the Corporation out of the income of University funds. These fellowships and scholarships are open to graduates of all colleges; but in the case of the fellowships, preference is given to those who have already spent at least one year in graduate study, and have shown capacity for original work. Candidates for these appointments should send their applications, accompanied by letters of recommendation and other evidences of the excellence of their work already accomplished, to the Dean, Professor Andrew W. Phillips, not later than May 1.

The Yale Alumni Association of California offers a Scholarship of $300 to a graduate of one of the California Universities pursuing studies at Yale in the Graduate School. The incumbent is selected by the Association.

The Daniel C. Eaton Graduate Scholarship in Botany is endowed with the income of a fund of two thousand dollars given by Mrs. Eaton in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

The following Fellowships and Scholarships are open only to graduates of the Academic Department of Yale University [see p. 128].

THE DOUGLAS FELLOWSHIP.
THE SOLDIERS' MEMORIAL FELLOWSHIP.
THE SILLIMAN FELLOWSHIP.
THE JOHN SLOANE FELLOWSHIP.
THE SCOTT HURTT FELLOWSHIP.
THE ELLEN BATTELL ELDRIDGE FELLOWSHIPS (two in number).
THE MACY FELLOWSHIP.
THE LARNED FELLOWSHIPS (three in number).
THE FOOTE FELLOWSHIPS (three in number).
THE CLARK SCHOLARSHIP.
THE W. W. DE FOREST SCHOLARSHIP.

COURSES OF INSTRUCTION

Courses marked with an asterisk (*) are undergraduate courses, but are open to graduate students, provided that they have the consent of the instructor and the approval of the Faculty.

The number of hours stated means, when not otherwise specified, hours of exercises, lectures, or recitations, each week through the year.

The hours named for the exercise are subject to change.

COURSES OF INSTRUCTION

I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY

GEORGE T. LADD, D.D., LL.D.
GEORGE M. DUNCAN, M.A.
EDWARD W. SCRIPTURE, Ph.D.
HENRY DAVIES, Ph.D.
HENRY S. WILLIAMS, Ph.D.
E. HERSHEY SNEATH, Ph.D.
ARTHUR FAIRBANKS, Ph.D.
GERVASE GREEN, Ph.D.

Professor LADD :—

1 *Kant Seminary.* 2 hrs.

A rapid reading of Kant's Ethical writings is followed by a more careful study of the *Critique of Judgment* as a basis for discussing the principal conceptions in the philosophy of the beautiful. After an expository and critical lecture, a paper upon a topic given out some time in advance is read, and followed by discussion on the part of both teacher and class.

[Mondays, 7.15 to 9 P. M.]

2 *Metaphysics.*

The systematic and critical study is undertaken of all those conceptions which enter into a Theory of Reality,—such as Space, Time, Causation, Energy, Relation, Quality, etc. Lotze's large work on Metaphysics is used as a basis of the course, but the exercises consist in the presentation and discussion of elaborate papers embodying the results of research by the class.

[Wednesdays, 3.15 to 5 P. M.]

*3 *Abnormal Psychology.* 1 hr.

[See Course 6, page 60.]

Professors LADD and SNEATH :—

*4 *Theory and History of Ethics.* 2 hrs.

[Not given in 1897–98.]

Professor DUNCAN :—

5 *Advanced Psychology.* 2 hrs.

This is a course in *General Psychology*, in which a detailed study is undertaken of the phenomena of mental life from the scientific point of view. Sully's *Human Mind* is read, with constant reference to Ladd's *Psychology, Descriptive and Ex-*

planatory, James's *Principles of Psychology*, and the works of other leading modern authors ; and the reading is accompanied by papers, discussions, and lectures.

[Wednesdays and Saturdays, 9.30 A. M.]

6 *Epistemology.* 1 hr.

The nature and conditions of formal truth are studied in connection with the reading of an advanced work on logic, or Hobhouse's *Theory of Knowledge*. This is followed by a study of the psychology of knowledge and by an examination of the nature, limits and grounds for the validity of our knowledge of reality. Professor Ladd's *Philosophy of Knowledge* is read in connection with the latter part of the course.

[Thursdays, 9.30 A. M.]

Professor DUNCAN and Dr. GREEN :—

7 *Philosophy of Empiricism.* 2 hrs.

a. Locke's Essay concerning Human Understanding. First half-year.

(Professor DUNCAN.)

A careful study of this great classic of empiricism is undertaken and an attempt made to estimate its value and its influence upon subsequent thought. Professor Fraser's new critical edition of the Essay and Mr. Langley's translation of Leibnitz's *Critique of Locke* are used, and Leibnitz's criticisms are compared with those of the more important of Locke's other expounders and critics, such as Lee, *Anti-Scepticism ;* Cousin, *Philosophy of Locke ;* Green, *Introduction to Hume ;* Webb, *Intellectualism of Locke*, etc.

b. Hume's Treatise on Human Nature. Second half-year.

(Dr. GREEN.)

An examination of the destructive outcome of empiricism as exhibited in the speculations of Hume. Prof. T. H. Green's critical edition of the Treatise, or that of Selby-Bigge, is used. The study of Hume may be preceded by the reading of Berkeley's *Principles of Human Knowledge* and be closed with a discussion of Hume's relation to subsequent British and German philosophy.

[Tuesdays and Fridays, 9.30 A. M.]

Professor DUNCAN :—

*8 *History of Modern Philosophy.* 2 hrs.

[See Course 4, page 60.]

Professors H. S. WILLIAMS and DUNCAN :—

*9 *The Theory of Evolution.* 2 hrs.

a. Philosophy of Life and Organism. First half-year. (Professor H. S. WILLIAMS.)

b. The Philosophy of Evolution. Second half-year. (Professor DUNCAN.)

[See Course 7, page 60.]

Assistant Professor SNEATH :—

10 *Philosophical Scepticism.* 2 hrs.

This course involves an historical and critical examination of scepticism with special reference to the construction of a theory of knowledge. It is divided into three parts as follows :

1. *Historical.* The work in this part of the course includes an examination of the nature of scepticism as revealed in the history of speculative thought. It involves a study of the scepticism of the Sophists ; the Earlier and Later Pyrrhonists ; the Middle and New Academies ; the scepticism of Augustine and Descartes ; of Hume and Kant ; the positivism of Comte, Mill, and Lewes ; the relativism of Hamilton and Mansel ; and the agnosticism of Spencer.

2. *Critical.* After considering the significance of scepticism, a careful examination is made into the causes and grounds of scepticism, special attention being given to sensationalism and error.

3. *Constructive.* This part of the course is devoted to a study of the psychology and philosophy of knowledge—to an inquiry into the nature, origin, validity, and extent of knowledge. The work is conducted in the Seminary method.

[Thursdays, 3.00–4.45 P. M.]

11 *Philosophy and Literature.* 1 hr.

This course considers the nature and the problems of philosophy as presented in the writings of distinguished men of letters—those who have been called the " popular philosophers." The works of the following authors are especially considered : Coleridge, Carlyle, Tennyson, Browning, and Matthew Arnold. The aim of the course is to show what philosophy can do for the student of letters, and how the profounder aspects of thought may be presented in the attractive form of literature.

[Wednesdays, 9.30 A. M.]

*12 *Philosophical Anthropology.* 2 hrs.

[See Course 5, page 60.]

Dr. SCRIPTURE :—

*13 *Physiological and Experimental Psychology.* 2 hrs.

[See Course 10, page 61.]

*14 *Laboratory Course in Psychology.* 2 hrs.

[See Course 11, page 62.]

15 *Experimental Psychology; advanced course.* 2 hrs.

General principles of experiment and measurement; statistics, means, characteristic variations; measurements of mental phenomena; principles of laboratory instruction and economy; practical training in psychological measurements and statistics with instruction in their adjustment; construction and care of apparatus, etc.

[Wednesdays, 2 to 4 P. M.]

*16 *Educational Psychology.* 1 hr.

[See Course 12, page 62.]

17 *Research-Work in Psychology.* 4 hrs.

Participants in this course are either investigators or assistants. For assistants the object is such a training in accurate introspection, observation, experimenting, and the art of research as is desirable for the general psychologist. This work is open to all. Only those who have had sufficient experience are permitted to undertake independent investigations. The results of all investigations belong to the archives of the laboratory. Those who undertake investigations thereby agree to prepare the results for publication, subject to approval, in the *Studies from the Yale Psychological Laboratory.*

Dr. FAIRBANKS :—

18 *History of Religion.* 2 hrs.

The two main topics are, (*a*) the study of Semitic religions, in relation to the religion of Israel, and (*b*) the history of religion in India and Persia. Religion in China is also considered, in order that the course may meet the needs of students who are looking forward to mission work in China, in India, or among Mohammedan peoples. After a rapid survey of the sources of knowledge, the beliefs and rites of each religion are carefully studied, and the historic relation between them is examined. The

constant aim is to trace some of the laws which govern the development of religion, and the factors which tend to aid or hinder its development.

Menzies's *History of Religion* is read and discussed; selections from the original documents are read in translation; and the more important archaeological remains are presented in illustrated lectures.

Dr. DAVIES :—

19 *Philosophy of the Early Christian Fathers.* 2 hrs.

This course of lectures comprises a detailed view of the development of Christian thought during the first three centuries. The object is to trace the philosophical influences which helped to modify Christianity during this period; to show how Christianity triumphed over heathen philosophy, and the beginnings of a Christian philosophy were made; and to estimate critically the value of these early results for modern thought.

20 *History of Aesthetics.* 1 hr.

The object of this course is to review the history of thought on the subject of the beautiful; to give a philosophical account of the foundations upon which the arts rest; and to study scientific art theory in its relation to general philosophical discipline. Bosanquet's *History of Aesthetics* is read in connection with the course.

Dr. GREEN :—

21 *Advanced Logic.* 1 hr.

In this course Sigwart's *Logic* is read and discussed, the object being to supplement the course in elementary Logic of Junior year, and to lay especial emphasis upon the nature of scientific method.

[Mondays, 9.30 A. M.]

*22 *History of Ancient and Medieval Philosophy.* 2 hrs.

[See Course 14, page 62.]

*23 *Education.* 2 hrs.

[See Course 13, page 62.]

THE PHILOSOPHICAL CLUB is designed to afford opportunity both for comparison and discussion of views among all the students in this Department, and also for hearing addresses and papers from distinguished authorities on philosophical subjects, who are not connected with the Department as teachers. The customary meetings of the Club are fortnightly, on Thursday evening. All graduate students who take courses in philosophy are entitled to membership, on application; others may be admitted to membership by vote of the existing members.

II. POLITICAL AND SOCIAL SCIENCE, AND HISTORY

EDWARD J. PHELPS, LL.D. — GEORGE P. FISHER, D.D., LL.D.
WILLIAM H. BREWER, Ph.D. — ARTHUR M. WHEELER, LL.D.
WILLIAM G. SUMNER, LL.D. — CHARLES H. SMITH, LL.D.
GEORGE B. ADAMS, Ph.D. — HENRY W. FARNAM, M.A., R.P.D.
ARTHUR T. HADLEY, M.A. — GEORGE L. FOX, M.A.
EDWARD G. BOURNE, Ph.D. — WILLIAM F. BLACKMAN, Ph.D.
EDWARD G. BUCKLAND, LL.B., M.A. — JOHN C. SCHWAB, Ph.D.
OLIVER H. RICHARDSON, Ph.D. — IRVING FISHER, Ph.D.
FREDERICK WELLS WILLIAMS, M.A. — FRANK STRONG, Ph.D.

POLITICAL AND SOCIAL SCIENCE

Professor SUMNER:—

1 *Politics and Finance in the History of the United States.* 2 hrs.

A critical examination of the current commonplaces of American history, and of the popular methods of treating it. Problems of colonization and the colonial relation; doctrines of commerce in the leading nations, 1774 to 1790; the federal government as inheritor of the difficulties of the mother country; philosophy of the American democratic-republic; inter-action of slavery, tariff, and currency; contributions of the United States to state-craft; the American banking system; land, immigration and labor, etc. Those who take this course are supposed to be well acquainted with the civil history of the United States.

[Not given in 1897–98.]

2 *Anthropology.* 1 hr.

A careful study of Ranke's *Der Mensch* (2d ed.), with an examination of the separate topics by means of all the appropriate material.

[Not given in 1897–98.]

3 *Systematic Societology.* 1 hr.

A continuance and extension of the course under 6 below. Spencer's *Principles of Sociology.*

[Not given in 1897–98.]

4 *The Industrial Revolution of the Renaissance Period.* 2 hrs.

A chapter in the history of the development of the industrial organization. The industrial element in the renaissance. The transition from medieval to modern society in its causes, new elements, effects on classes, effects on economic doctrine. Changes imposed on the industrial organization; world-commerce, land-tenure, handicrafts, banking and money.

[Mondays, 10.30 A. M.; Wednesdays, 9.30 A. M.]

5 *The Beginnings of the Industrial Organization.* 2 hrs.

An ethnological study of the industrial organization from its earliest beginnings. Division of labor between the sexes and the special functions of each; regulation of industry; slavery; formation of capital; discoveries and inventions; domestication of animals and plants; money, etc.

[Wednesdays and Thursdays, 10.30 to 11.20 A. M.]

*6 *The Science of Society.* 2 hrs.

[See Course 40, page 67.]

*6*a* *The Science of Society.* 2 hrs.

[See Course 41, page 68.]

Professor FARNAM:—

7 *Pauperism.* 2 hrs. 1st term.

An examination of the nature and causes of indigence, the history of efforts to deal with it, and some of the modern problems arising in connection with it.

[Mondays and Wednesdays, 11.30 A. M.]

8 *The Modern Organization of Labor.* 2 hrs. 2d term.

These lectures treat of the historical antecedents and the development during the nineteenth century of associations of wage-receivers. They therefore include an account of the structures, aims, and methods of such societies in different

countries, together with a discussion of their relations to socialism, the factory system, labor disputes, labor legislation, workingmen's insurance, provision for the unemployed, and other features of the modern industrial world.

[Mondays and Wednesdays, 11.30 A. M.]

9 *The Principles of Public Finance.* 2 hrs. 2d term.

A systematic survey of the means by which the expenditures of government are met, regard being had both to the economic principles involved and to the fiscal systems of modern states. Leading topics are: the budget, taxation (national and local), public debts, and state banks considered as aids to public credit.

[Not given in 1897–98.]

Professor HADLEY :—

10 *Economic Problems of Corporations.* 1 hr.

This course deals with the growth of combinations, trusts, and monopolies; the difficulties connected with private and with public management of such monopolies; the control of services rendered and prices charged; with especial reference, under the latter head, to the subject of railroad regulation.

[Thursdays, 12 M.]

11 *The Relation between Economics and Ethics.* 2 hrs.

An historical study of the development of moral and legal standards in their relations to one another, followed by criticisms of various schemes of social policy and legislation. No one is admitted to this class who is not well grounded in the general principles of Economics. The members of this class are expected to prepare critical papers as an essential part of the work of the class.

The topics treated in 1897–98 are money, credit, and monopolies. In 1898–99 the topics will be wages, factory acts, foreign competition and its effects on labor, the eight-hour movement, strikes, arbitration, coöperation, government management of industry, schemes for the abolition or mitigation of poverty.

[Thursdays, 8.30 A. M.]

*12 *History of Political and Economic Theories.* 1 hr.

[See Course 43, page 68.]

*13 *Railroad Transportation.* 2 hrs.

[See Course 37, page 67.]

Professors HADLEY and IRVING FISHER :—

*14 *Economics (General course).* 3 hrs.

[See Course 30, page 65.]

Professor BLACKMAN :—

15 *Social Science.* 2 hrs.

A study of some important problems of American life, such as the negro ; the immigrant ; the defective, dependent, vicious and criminal classes (charities and corrections); the city ; the wage and factory system ; the family ; and communism, socialism, and anarchism. The lectures are supplemented by reports and book-reviews by the students, and (probably) by a visit to the charity and correctional institutions of New York. As introductory to the course, a few lectures are given on the study and literature of Sociology.

16 *An Historical and Sociological Study of Marriage and the Family.* 1 hr. 1st term.

Assistant Professor SCHWAB :—

17 *Finance.* 2 hrs.

An advanced course of lectures upon applied economics. The course covers the principles of money and credit, with illustrations from the monetary, banking, and financial history of the world, and of the United States in particular ; it covers less minutely the subject of public finance, namely, the systems of government revenue and expenditure (see course 21 on United States Public Finance).

A third hour per week is devoted to a quiz-exercise, and is primarily intended for undergraduates, though graduates are admitted if they desire the additional instruction.

Books used : Jevons's *Money and the Mechanism of Exchange*, Dunbar's *Banking*, White's *Money and Banking*, Sumner's *Problems in Political Economy* and *Investment Securities*, and Plehn's *Public Finance.*

[Mondays and Thursdays, 11.30 A. M.]

18 *United States Industrial History.* 2 hrs.

An advanced course of lectures upon the history of the tariff legislation and the industrial development of the United States, on the modern industrial organization, on corporations, and the principles of international trade.

As in course 16, a third hour per week is devoted to a quiz exercise, which, though primarily intended for undergraduates, is open to graduates if they desire the additional instruction.

Books used: Taussig's *Tariff History of the United States*, 1892, Bastable's *Commerce of Nations*, Hadley's *Railroad Transportation*, and von Halle's *Trusts*.

[Tuesdays and Fridays, 11.30 A. M.]

19 *United States Financial History.* 1 hr.

A shorter course than 17 on the principles of money and banking. Intended for those who take course 18 on *United States Industrial History.*

[Wednesdays, 11.30 A. M.]

20 *United States Industrial History.* 1 hr.

A shorter course than 18 on the Industrial History of the United States and the modern industrial system. Intended for those who take course 17 on *Finance.*

[Wednesdays, 12.30 P. M.]

21 *United States Public Finance.* 1 hr. 1st term.

A short course of lectures, applying the principles of public finance to the finances of the United States, federal, State, and local. Leading topics are: the sphere of expenditure and revenue of the different political units of the United States; their fiscal policy; an historical and critical study of their forms of revenue; the American system of State and local taxation in theory and in practice; State and local debt-financiering.

[Tuesdays, 10.30 A. M.]

22 *The Finances of the Confederate States*, 1861–1865. 1 hr. 2d term.

A course of lectures on selected chapters from the financial history of the Confederate States. Leading topics will be: the tax versus the loan policy in the North and South during the Civil War; the inflation movement; constitutional questions involved in the war; the States-Rights and the Union sentiments in the South; the banks and the industries. These topics are treated from the standpoint of economic rather than political history. If desired, an opportunity is given for individual research.

[Tuesdays, 10.30 A. M.]

Assistant Professor IRVING FISHER :—

23 *Theory of Economics (advanced course).* 2 hrs.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 14 or its equivalent. Mathematical methods are employed where useful. In view of these methods the course is prefaced by a few lessons in elementary calculus. These are followed by the analysis of: I, value and prices; II, general price levels; III, effects of "appreciation" and "depreciation" with statistical discussion; IV, bimetallism and other currency schemes with especial reference to the experience of France, Austria, and India; V, international trade; VI, capital and interest; VII, distribution.

Cournot's *Researches into the Mathematical Theory of Wealth* and Fisher's *Introduction to the Calculus; Value and Prices;* and *Appreciation and Interest*, are used as a basis. Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

[Wednesdays and Saturdays, 10.30 A. M., E_1 O.]

24 *Vital Statistics and Life Insurance.* 2 hrs. first term.

The relations of statistics to the theory of population, the construction of life tables, and the laws of insurance.

[Wednesdays, 8.30, and Saturdays, 9.30 A. M.]

25 *Statistics (General).* 2 hrs. second term.

The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out. Mayo-Smith's *Statistics and Sociology* is used as a basis.

[Wednesdays, 8.30, and Saturdays, 9.30 A. M.]

Professor E. J. PHELPS :—

*26 *Law.* 2 hrs. 2d term.

[See Course 45, page 69.]

Assistant Professor BUCKLAND :—

*27 *Jurisprudence.* 2 hrs. 1st term.

[See Course 45, page 68.]

Mr. Fox:—

28 *Comparative Municipal Government.* 1 hr.

The subject is treated from a practical rather than an historical point of view, and has a close relation to the future work of the student as a citizen. Some of the subjects considered are the sphere and functions of city government, existing and proposed; organization and methods of administration; relation to the higher legislature; attitude toward natural monopolies; sources of revenue and methods of expenditure. The leading types of American city government are described, together with a survey of European cities. Original reports upon city charters are required, and occasional debates are held on questions of municipal policy.

[Tuesdays, 4 P. M.]

HISTORY

Professor BREWER:—

29 *Physical Geography in its relation to History.* 1 hr. 2nd half of 2d term.

A course of about ten lectures discussing the following topics: the relations of man to the region he inhabits; physical geography as related to the development of civilization; natural aids to the defence and protection of communities; natural facilities for commerce; the effect of these several factors on the history of nations; and the modification of these natural conditions by modern science and invention.

[Thursdays, 10.30 A. M.]

Professor WHEELER:—

30 *History of Treaties, 1763–1815.* 1 hr.

[Thursdays, 10.30 A. M.]

*32 *History of Europe since 1789.* 2 hrs.

[See Course 53, page 70.]

33 *Investigation of special topics in European History from 1789 to 1815.* 1 hr.

A general knowledge of the period, and ability to read French or German easily, are required.

[Saturdays, 11.30 A. M.]

Professor C. H. SMITH :—

34 *American History.* 2 hrs.

History of parties and careers of party leaders until the death of President Taylor in 1850. For topical study and discussion by the class.

[Tuesdays, 10.30 to 12.20 A. M.]

35 *American History.* 2 hrs.

Political and constitutional history of the United States from the time when extension of slavery into the territories became a leading question until the close of the Reconstruction period in 1877. For topical study and discussion by the class.

[Thursdays, 8.30 to 10.30 A. M.]

36 *American History.* 1 hr.

Formation and development of the Federal Constitution, with incidental consideration of the State constitutions.

A lecture course, with an examination at its close for those who are candidates for a degree.

[Tuesday, 9.30 A. M.]

Professor ADAMS :—

*37 *Medieval History.* 2 hrs.

[See Course 50, page 69.]

38 *Medieval Institutions.* 2 hrs.

This course extends through two years, and considers the most important European institutions between the fall of Rome and the sixteenth century. The student is made acquainted with the literature of the subjects treated and with the collections of original material. He is expected to investigate selected topics in the sources and to report to the class upon them, and especial attention is paid to the principles of criticism and to methods of research.

The first year's course (*a*) is given in 1897–98.

a. The first year's course covers early German institutions; their modification under Roman influence; the development of the papal power and its special institutions; the institutions of Charlemagne's empire; the origin and the final forms of feudalism; and the beginnings of national governments.

b. In the second year's course especial attention is given to the growth of English institutions after the Norman conquest, the introduction of feudalism, the administrative system, the

courts and the jury, taxation, parliament, and the limited monarchy. These are studied in comparison with the corresponding institutions of the continental states, and the similarities and differences will be noticed. Important continental institutions imperfectly or not at all represented in England are also studied.

[Course *b* is not given in 1897–98.]

Professors ADAMS and BOURNE :—

39 *Methods of Historical Research and Criticism.* 1 hr.

The first half of this course, under Professor Bourne, consists of lectures and discussions on the principles of historical criticism, for which Bernheim's *Lehrbuch der historischen Methode* will serve as an outline. The second half, under Professor Adams, consists of practical exercises in the study of selected historical documents, so arranged as to furnish examples of all the important points of method. The weekly exercises in this course may occupy two hours.

Students who take this course are advised to attend the early lectures of Professor Lang's course in Low Latin, course iv. 53.

[Mondays, 3 P. M.]

Professor ADAMS (first half-year) and Assistant Professor RICHARDSON (second half-year) :—

*40 *English History.* [Seniors.] 3 hrs.

[See Course 55, page 70.]

Professor BOURNE.

*41 *American History (Colonial).* 2 hrs.

[See Course 61, page 71.]

*42 *American History (National).* 2 hrs.

[See Course 62, page 72.]

43 *European Colonies in America.* 2 hrs.

A comparative study of the colonization of the New World. This course begins with a brief review of medieval commerce and of the impulses promoting the voyages of discovery. This is followed by a more detailed study of representative colonies. The Spanish, French, and English colonies are compared with each other and with their respective mother countries. In the latter part of the course the causes of the American Revolution and the downfall of the old colonial system are examined.

[Tuesdays and Thursdays, 3 P. M.]

44 *Sources and Literature of American History.* 1 hr. 2d term.
Informal lectures followed by reports and criticisms by the class.

Dr. F. STRONG :—

45 *Political and Social History of the Southern States.* 1 hr.
This course deals primarily with the period after 1860, but some study of conditions prior to that time is necessary. It includes among other things an examination into the condition of the slave population before 1860: (a) as to their material condition—food, clothing, labor, dwellings, discipline, foreign and domestic slave trade, and a full study of the slave codes of all the States: (b) as to their intellectual and moral condition—marriage, slave-breeding, etc., moral, intellectual, and religious training. It includes also the corresponding condition of (a) the large slaveholders, (b) the small slaveholders, and (c) the non-slaveholders, as to its bearing on the development of social and political forces. The attempt is then made to study the problems of Reconstruction and Negro Suffrage from the standpoint of these data. Then follows a political history of Reconstruction (a) from the standpoint of National legislation; (b) from the standpoint of State and local governments.

Assistant Professor RICHARDSON :—

46 *English History from the accession of the Tudors. Constitutional and political.* 2 hrs.
Especial attention is given to the Constitutional history of the Puritan Revolution. This course is designed for those who have a good knowledge of the general history.
The work consists in large part of a systematic study of the documents contained in Prothero's *Statutes and Documents*, 1559–1625, and Gardiner's *Constitutional Documents of the Puritan Revolution*, 1628–1660. The constitutional history of the earlier Tudors and of the period following the Restoration is covered in lectures and assigned readings. From time to time the students present reports on selected topics.
[Wednesdays and Fridays, 11.30 A. M.]

47 *Studies in German and French History.* 1 hr.
This course is designed for students who have a general knowledge of the history of modern Europe. The work of the

class exercise is devoted to the discussion of topics illustrated in Schilling's *Quellenbuch zur Geschichte der Neuzeit*, and in Corréard's *Choix de Textes pour servir a l'étude des Institutions de la France*, and to papers by the students. A good reading knowledge of German or French is indispensable for this course.

[Mondays, 5 P. M.]

Mr. F. W. WILLIAMS :—

*48 *Ancient Oriental Nations from the earliest times.* 2 hrs.

[See Course 57, page 70.]

*49 *Modern Asiatic History.* 2 hrs.

[See Course 58, page 71.]

Professor GEORGE P. FISHER :—

50 *General Church History.* 3 hrs.

This course comprises the following topics: The nature, divisions, and sources of Church History, with a review of the literature on the subject; the old or preparatory dispensation in its relation to Christianity; the condition of the Graeco-Roman world at the introduction of the Gospel; the establishment of Christianity, and the conflicts of the apostolic age; the spread of Christianity, including especially the conversion of the Roman Empire and of the Teutonic nations; the changes in ecclesiastical polity in the early centuries; the organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to civil society in the Middle Ages; the Protestant Reformation, with its causes and the systems of polity adopted by the different Protestant churches; Christian life, and its characteristic features in the successive eras (including the rise and subsequent history of monasticism); the history of Christian worship.

[Mondays, Thursdays, and Saturdays, 10 A. M.]

51 HISTORICAL SEMINARY.

An advanced course in the methods of historical research is conducted by the professors of History. The members of the course prepare papers upon topics selected with especial reference to the possibility of a comparatively brief treatment based upon a full examination of the existing sources. The opening sessions of the year are devoted to bibliographical work, and to questions of difficulty which may arise in the preparation of the papers. The later sessions are occupied with the reading of the papers and their criticism by the mem-

bers of the course and by the professor in whose department the topic falls. This criticism has especial reference to the handling of the sources, the constructive method employed, and the validity of the results. The members of this course must have taken course 39 or show an equivalent preparation.

THE POLITICAL SCIENCE CLUB meets fortnightly for the reading and discussion of papers, and for reports on current literature. A convenient room in White Hall (No. 11) is set apart for its use, and contains a small departmental library which is accessible to the graduate students at all hours of the day. As the books are not allowed to be taken from the room, this library is particularly helpful to graduate students when they wish to refer to some authority which is temporarily withdrawn from the University library.

THE HISTORICAL SEMINARY ROOM, No. 10 White Hall, contains a reference library to which graduate students may have access at all hours. This library contains more than a thousand volumes.

III. SEMITIC LANGUAGES AND BIBLICAL LITERATURE

EDWARD L. CURTIS, Ph.D., D.D. — FRANK C. PORTER, Ph.D., D.D.
BENJAMIN W. BACON, Litt. D., D.D. — FRANK K. SANDERS, Ph.D.
HARLAN CREELMAN, Ph.D. — HARRY W. DUNNING, Ph.D.

Professor SANDERS :—

*1 *Hebrew Poetry, Law, History, and Prophecy.* 2 hrs.

[See Course 171, page 91.]

2 *Hebrew Syntax.* 1 hr.

A careful study of the principles of Syntax, making classroom use of Harper's *Elements of Hebrew Syntax*, and of Driver's *Tenses*, with references to other authorities, and with some attention to comparative Syntax. During the year various passages in the Bible are read critically with reference to a syntactical interpretation.

[Omitted in 1897–98.]

3 *Textual Criticism of the Old Testament.* 1 hr. both terms.

A close textual study of some one of the Minor Prophets, making use of the apparatus of the lower criticism to restore the original text. At the beginning and at the close of the year's work lectures are given on the apparatus, methods, and history of O. T. criticism.

[Tuesdays, 12 M.]

4 *Arabic Poetical and Philosophical Literature.* 2 hrs.

The first half of the year is devoted to the *Mu'allaqât* and other poetical literature, read both with and without the unpointed commentary. In the second half of the year the class makes constant use of the valuable Salisbury collection of mss. and texts in the University library. Lectures on Arabic literature are given at intervals throughout the year.

[Thursdays, 8.30–10.30 A. M.]

*5 *Biblical Literature.* 2 hrs.

[See Course 180, page 92.]

6 *English Bible Seminary.* 2 hrs.

An investigation course, intended to train men for patient and accurate investigation of Biblical questions.

The course is very informal, the class meeting at regular intervals to report and compare results of individual study of themes assigned by the instructor.

[Wednesdays, 2.30–4 P. M.]

Dr. CREELMAN :—

7 *The Minor Prophets* (English). 1 hr.

A careful study of each of the Minor Prophets taken in chronological order, in connection with the survey of the general subject of Prophecy.

[Mondays, 2 P. M.]

8 *The Pauline Epistles* (English). 1 hr.

The epistles of Paul in their chronological order and historical setting.

9 *Beginning Assyrian.* 2 hrs.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser,

and Sennacherib in the cuneiform, together with lectures on the outlines of Assyro-Babylonian history and literature.

[Wednesdays, 4.15–6 P. M.]

10 *Assyrian and Babylonian Inscriptions.* 2 hrs. 1st half-year.

Selected inscriptions from the annals of the later Assyrian kings, and of the Neo-Babylonian empire, the Creation and Deluge tablets, etc.

[Mondays, 3 P. M., and Fridays, 3.15 P. M.]

11 *Assyro-Babylonian History and Literature.*

2 hrs. 2d half-year.

A rapid reading with the use of Schrader's transliterated texts of the whole range of Babylonian and Assyrian historical inscriptions, the object being to gain a familiarity with the literature and the history, and a critical estimate of the relation of one to the other.

[Thursdays, 8.30–10.30 A. M.]

12 *The Book of Jeremiah* (Hebrew). 1 hr.

The rapid reading of the book of Jeremiah in Hebrew with an interpretation of the contents, having special reference to its historical setting and chronological sequence, and to the principles of prophecy.

13 *The Book of Ezekiel.* 1 hr.

[Omitted in 1897–98.]

Dr. DUNNING :—

14 *Ethiopic.* 2 hrs. 1st term.

A survey of the elements and distinctive structure of the Ethiopic, using Praetorius's *Äthiopische Grammatik* and referring to Dillmann, and reading some portions of the chrestomathy and one or two of Bachmann's texts.

[Tuesdays and Thursdays, 5 P. M.]

15 *Comparative Semitic Grammar.* 2 hrs. 2d term.

The reading and discussion of Wright's *Comparative Grammar*, special themes being presented in lectures and class-papers.

[Tuesdays and Thursdays, 5 P. M.]

16 *Semitic Seminary.* 2 hrs.

An investigation course for the acquisition of methods in linguistic research.

[Monday evenings, every two weeks.]

17 *Sight-Reading in Hebrew.* 1 hr.

The class reads at least two hours each week, but the work counts as the equivalent of one hour. Special attention is paid to the acquisition of a working vocabulary. The first term is devoted to historical prose, the second to selections from the prophets, the third to wisdom- or poetic literature. If circumstances admit, a special division will be formed of those capable of unusually rapid work.

[Wednesdays, 4.15–6 P. M.]

[Advanced Division, Thursdays, 8.30 A. M.]

18 *Beginning Arabic.* 2 hrs.

During the first term the principles of the language are mastered in connection with the careful reading of *Genesis i-iii.* During the second term the class reads rapidly in historical prose.

[Tuesdays and Thursdays, 2 P. M.]

19 *The Qur'ân.* 2 hrs. 1st half-year.

Interpretation of the early Meccan suras and of selections from those of other periods, accompanied by a study of the life of Muhammad.

[Tuesdays, 8.30 A. M., Thursdays, 6.45 P. M.]

20 *Arabic Prose Literature.* 2 hrs. 2d half-year.

A rapid reading of selections from the Arab historians and from the *Thousand and One Nights*, followed by a close study of the *'Ajurrûmiya* or the *Kitâb al Aghâni.* Lectures are given on the history of Islâm.

[Wednesdays and Fridays, 10.30 A. M.]

[Tuesdays, 8.30 A. M., Thursdays, 6.45 P. M.]

21 *Biblical Aramaic.* 2 hrs. 1st half-year.

A study of the elements of Aramaic, with a reading of the Aramaic portions of the Scriptures and of selections from the Targums.

[Tuesdays, 8.30–10.30 A. M.]

22 *Syriac and the Textual Criticism of the New Testament.* 2 hrs. 2d half-year.

The principles of the language, using Nestle's *Syriac Grammar*, followed by reading in the Syriac New Testament. This course is intended as an introduction to New Testament textual criticism, and lectures will be given on its apparatus and methods.

[Tuesdays, 8.30–10.30 P. M.]

23 *Old Testament Wisdom-Literature* (English). 1 hr.
A study of the books of Job, Ecclesiastes, Proverbs, and the Song of Songs, in connection with a survey of the character, development, and leading positions of Hebrew speculative thought.
[Wednesdays, 2 P. M.]

24 *Messianic Prophecy* (English). 1 hr.
[Omitted in 1897–98.]

The following courses, given primarily for students in the Yale Divinity School, are open to graduate students :

Professor CURTIS :—

25 *The Hebrew Psalter.* 1 hr.
A critical reading of the text of the Psalms, using Wellhausen's edition in the Haupt *Polychrome Hebrew Bible.*
[Thursdays, 5–6 P. M.]

26 *The Book of Job.* 1 hr.
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)

27 *The Five Megilloth.* 1 hr.
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)
[Omitted in 1897–98.]

28 *Selections from the Psalter.* 2 hrs. 1st term.
Grammatical and historical exegesis of the Hebrew text, with special reference to New Testament interpretation and modern homiletical application.
[Wednesdays and Fridays, 9.30 A. M.]

29 *The Book of Isaiah.* 1 hr. 2d term.
Grammatical and historical exegesis of the Hebrew text.
[Wednesdays, 9.30 A. M.]

30 *Analysis and Exposition of Isaiah, Jeremiah, and Ezekiel.* (English Bible.) 2 hrs. 2d term.
[Tuesdays and Fridays, 9.30 A. M.]

31 *Old Testament Introduction.* 1 hr.
A brief survey of the history of the canon, text, and versions, followed by special introduction to the Hexateuch and remaining Old Testament books. Lectures.
[Mondays, 11 A. M.]

Professor PORTER :—

32 *Biblical Theology of the Old Testament.* 2 hrs.
A general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings, and in the historical course of their development.
[Wednesdays and Fridays, 11 A. M.]

33 *Biblical Theology of the New Testament.* 3 hrs.
An examination of the teaching of Jesus and of the different types of apostolic teaching in their historical character and in their relations to one another and to the religious ideas of the time.
[Tuesdays, Thursdays, and Fridays, 8.25 A. M.]

34 *Hellenistic Jewish Literature.* 1 hr.
Readings from the early Hellenistic literature and from Philo, with special reference to the relation of Hellenistic to Palestinian Judaism and its influence upon early Christian thought.

35 *Palestinian Jewish Literature.* 1 hr.
A course similar in purpose and method to course 34.
[Omitted in 1897–98.]

36 *Judaism in New Testament Times.* 1 hr.
An historical seminary for the study of special problems in the History and Theology of Judaism in New Testament Times.
[Mondays, 4.30 P. M.]

Professor BACON :—

37 *The History of New Testament Literature.* 2 hrs.
Tuesdays, lectures on special introduction to the several New Testament books. Thursdays, critical readings of the Book of Acts with application of the principles of historical and documentary criticism.
[Tuesdays and Thursdays, 8.25 A. M.]

38 *The Teachings of Jesus.* 2 hrs.
Comparison of the Synoptic and Johannine tradition in the light of contemporary Jewish teaching. Theses by the class.
[Mondays, Wednesdays, and Fridays, 12 M.]

[See also Dr. Fairbanks's courses in Hellenistic Greek, iv. 32, and Greek Worship and Belief, iv. 33.]

THE SEMITIC CLUB is composed of the above-mentioned instructors and of students who are qualified for independent work. Its meetings are held at regular intervals throughout the year. During 1897–98 the general subject of study is Rabbinic Literature.

THE BIBLICAL CLUB draws its members from the students of the department of Biblical Literature and of the Divinity School. It holds stated monthly meetings, at which papers on subjects of interest to Biblical students are presented and discussed. The general subject of investigation for 1896–97 was Apocryphal and Pseudepigraphic Literature. For 1897–98 a more miscellaneous program will be followed, including topics relating to the archaeological, canonical, textual, and general history of the Bible.

IV. SANSKRIT, AND LINGUISTICS, CLASSICAL PHILOLOGY

TRACY PECK, M.A.
BERNADOTTE PERRIN, Ph.D., LL.D.
EDWARD P. MORRIS, M.A.
THOMAS D. GOODELL, Ph.D.
HORATIO M. REYNOLDS, M.A.
JAMES J. ROBINSON, Ph.D.
HANNS OERTEL, Ph.D.
ARTHUR L. WHEELER, Ph.D.
HENRY P. WRIGHT, Ph.D., LL.D.
THOMAS D. SEYMOUR, LL.D.
HENRY R. LANG, Ph.D.
E. WASHBURN HOPKINS, Ph.D.
CORNELIUS L. KITCHEL, M.A.
ARTHUR FAIRBANKS, Ph.D.
JAMES W. D. INGERSOLL, Ph.D.

SANSKRIT AND LINGUISTICS

Professor HOPKINS:—

1 *Elementary Sanskrit.* 2 hrs.
Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.
[Tuesdays and Thursdays, 3 P. M.]

2 *Advanced Sanskrit.* 2 hrs.

Selections from the Rig Veda and Brahmanic texts. The mss. and texts of the University library and of the American Oriental Society furnish ample material for original work.

[Tuesdays and Thursdays, 3 P. M.]

3 *History of Sanskrit Literature.* 2 hrs.

This course is intended only for those who have had at least one year's instruction in Sanskrit.

[Wednesdays and Fridays, 3 P. M.]

4 *Introduction to Comparative Syntax.* 1 hr.

[Mondays, 2 P. M.]

Assistant Professor OERTEL :—

5 *Linguistics.* 2 hrs.

A discussion and exposition of the general principles and chief problems of linguistic science; such topics as sound-change, change of significance, the fundamental facts of syntax, the relation of grammar to logic, the relation of linguistics to ethnography, the theories of the origin of speech, etc., are examined. Paul's *Principles of the History of Language* (Macmillan) is used as a text-book for part of the course and critically read. As time permits, some of the more important questions regarding the Indo-European branch are discussed. The course consists largely of lectures, but it requires outside reading and occasionally the preparation of short papers on assigned topics. The course is intended as a general introduction to the Science of Language, and no knowledge of Sanskrit is necessary for it.

6 *Phonetics.* 1 hr.

An introduction to general Phonetics on the basis of Sievers' *Grundzüge der Phonetik*, 4th ed., Leipzig, 1893, and its application to the English, German, and Latin sound-systems. Sweet's *Primer of Phonetics*, Oxford, 1890, Laura Soames's *Introduction to Phonetics*, London (Swan, Sonnenschein & Co.), Vietor's *Elemente der Phonetik und Orthoepie des Deutschen, Englischen u. Französischen*, 3d ed., Leipzig, 1894, O. Bremer's *Deutsche Phonetik*, Leipzig, 1893, and Seelmann's *Die Aussprache des Latein*, Heilbronn, 1885, are chiefly used, and private

reading in these will be required. The course is intended to furnish a basis for the study of the phonology of the various languages.

7 *Comparative Phonology and Morphology of Greek and Latin.* 2 hrs.

A resumé of the chief results of the modern comparative treatment of Greek and Latin sounds and inflections. For the more important questions (such as *ablaut*, palatal law, etc.) an historical sketch of the course of investigation is given in order to illustrate method. Lindsay's *Latin Language*, 1894, Brugmann's *Griechische Grammatik* (in Iwan Müller's *Handbuch*, vol. I, part 1, 1890, second edition), V. Henry's *Short Comparative Grammar of Greek and Latin* (Macmillan), and Bechtel's *Hauptprobleme der indogermanischen Lautlehre* 1892, should be in the hands of the students and considerable private reading in them is required. Some knowledge of Sanskrit is very desirable.

GREEK

Professor PERRIN :—

8 *The Tradition of the History of Alexander.* 3 hrs.

Lectures and Seminary Exercises.

A critical study of the sources for the history of Alexander, from the *Letters* of Alexander himself, and the *Journals*, through the *Anabasis* of Arrian and the *Alexander* of Plutarch. The treatment of their authorities in the histories of Alexander by Thirlwall, Grote, Droysen, Holm, and Niese will be compared.

[Omitted in 1897–98.]

9 *Pausanias.* 1 hr.

Lectures and Seminary Exercises.

A practical introduction to Pausanias, and a critical reading of his description of Olympia, with illustrations from the excavations of 1876–81. The complete Teubner text of Pausanias will be the only text-book required.

[Mondays, 4 P. M.]

*10 *Aristophanes. The Testimony of Old Athenian Comedy to the Political and Social Life of its Time.* 2 hrs.

[See Course 125, page 84.]

*11 *Greek Social Life.* 1 hr.

[See Course 126, page 84.]

Professor SEYMOUR :—

12 *Aeschylus.* 3 hrs.

The extant plays of Aeschylus are read. The instructor interprets the *Prometheus* and parts of other plays. The members of the class later interpret in turn.

[Mondays and Thursdays, 8.30 to 10 A. M.]

13 *Plato.* 3 hrs.

The *Republic* and the portions of the other dialogues which are most important for its elucidation.

[Wednesdays and Fridays, 4.30 to 6 P. M.]

14 *Pindar.* 1 hr.

The odes of Pindar are studied with specially qualified students, with exercises in the critical treatment and interpretation of the text, as a Greek *Seminary* course. The class meets once in two weeks for a two-hours' session.

[Omitted in 1897–98.]

15 *Epic Poetry.* 3 hrs.

Introduction to the critical study of Homer. Lectures on the history of Homeric study, Epic poetry, the composition and transmission of the poems, life in the Homeric times in its various aspects; Homeric language and verse. Followed by a familiar but critical interpretation (and exercises in interpretation and criticism) of portions of the *Odyssey*, and of the later Greek epics.

[Omitted in 1897–98.]

16 *History and Encyclopaedia of Greek Studies.* 1 hr. 1st half year.

Fifteen familiar lectures, with special attention to bibliography.

[Fridays, 7.30 P. M.]

17 *The Greek Orators.* 3 hrs.

A study of Greek Oratory, beginning with the orations of Isaeus, and including some of the private orations of Demosthenes, with reference to Athenian life and law, as well as to the development of Attic eloquence.

[Omitted in 1897–98.]

*18 *Pindar and Aeschylus.* 2 hrs.

[See Course 120, page 83.]

*19 *Plato.* 2 hrs.

[See Course 121, page 83.]

20 *Greek Testament.* 1 hr.

A philological study of St. Paul's Epistles to the Corinthians, and the chief characteristics of the Hellenistic diction.

[Tuesdays, 4 P. M.]

*21 *The Phaedo of Plato.* 2 hrs. 1st term.

[See Course 124, page 84.]

*22 *Aristotle's Nicomachean Ethics.* 2 hrs. 2d term.

[See Course 124, page 84.]

Professor GOODELL :—

23 *Sophocles.* 3 hrs.

Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of metres, and the like. A brief but systematic introduction to Greek rhythmic and metric is given by lectures combined with practice in reading the text of Sophocles ; to this is devoted one hour weekly.

This course is intended for Graduates, and for Juniors and Seniors who have done superior work in Greek.

[Omitted in 1897–98.]

*24 *Greek Archaeology.* 2 hrs.

[See Course 127, page 84.]

Professor REYNOLDS :—

25 *Aristotle's Poetics. Literary Criticism in Ancient Times.* 1 hr.

Interpretation of the *Poetics* and parts of the *Rhetoric*, with selections from Plutarch, Pseudo-Longinus, and Lucian.

[Mondays, 10.30 A. M.]

26 *Late Greek Poetry.* 1 hr.

This course includes a survey of Alexandrian and later Greek poetry. Reading of the mimes of Herondas, with selections from the Anthology, and from the hymns of Callimachus, and other fugitive poetry.

*27 *Euripides.* 2 hrs.

[See Course 130, page 85.]

*28 *Lucian.* 2 hrs.

[See Course 129, page 85.]

Professors REYNOLDS and OERTEL :—

29 *Greek Inscriptions.* 3 hrs.

a. Attic Inscriptions, with reference to the history of the alphabet, grammatical peculiarities, formulae, and historical content. The student is familiarized with the reading of inscriptions in their original form (by means of paper squeezes).

b. Greek Dialect Inscriptions will be read chiefly from the grammatical side, together with the fragments of the lyric poets, with special reference to the help that may be derived from the inscriptions for the constitution of their text. The text-books are Cauer's *Delectus Inscriptionum Graecarum*, and Bergk's *Anthologia Lyrica.*

Mr. KITCHEL :—

30 *The Sicilian Invasion.* 2 hrs.

Books vi and vii of Thucydides are read. The relation of this great catastrophe to the preceding and the subsequent history of the Athenian empire is emphasized ; the geography and topography involved are carefully considered, and the author is compared with the historians who preceded and followed him.

31 *The Choephori of Aeschylus, the Electra of Sophocles, and the Electra of Euripides.* 2 hrs.

These plays, together with the *Frogs* of Aristophanes, are read and carefully compared, with the intent of noting the development of the drama thus exhibited. The points of similarity and dissimilarity between the ancient and the modern drama are sought for.

[Omitted in 1897–8.]

Dr. FAIRBANKS :—

32 *Hellenistic Greek.* 1 hr.

Readings from the Septuagint ; characteristics of Hellenistic Greek ; relation of the Septuagint to the Hebrew text of the O. T.

[Fridays, 10.30 A. M.]

33 *Greek Worship and Belief.* 2 hrs.

Readings from Pausanias. Lectures and conferences (*a*) on forms of Greek worship and (*b*) on the types of Greek gods in worship, literature, and art. The Gardner-Jevons *Manual of Greek Antiquities* serves as a starting point for the work.

The object of the course is to give a general survey of the Greek gods, and an introduction to the study of Greek religious antiquities. The course is intended to throw light on the Greek authors commonly read, and in particular to meet the needs of those who expect to teach the Classics. At the end of the year a few lectures will be given on the course of the development of religion in Greece.

[Omitted in 1897–98.]

LATIN

Professor PECK :—

36 *The Satires of Horace and the Dialogus of Tacitus.* 2 hrs.
[Saturdays, 9.30 to 11.20 A. M.]

37 *Early Latin.* 2 hrs.
Study of inscriptions and of the ante-classical literature, based on Allen's *Remnants of Early Latin* and Merry's *Fragments of Roman Poetry.*
The course is largely philological and critical, dealing with the development of forms, constructions, and literature.
[Wednesdays, 9.30 to 11.20 A. M.]

*38 *Cicero* (*Brutus*), *Quintilian* (*X and XII*), *and Tacitus* (*Dialogus*). 2 hrs.
[Mondays and Thursdays, 10.30 A. M.]

*39 *Tacitus* (*Annals, I–VI*) *and Suetonius* (*Augustus and Tiberius*). 2 hrs.
[Mondays and Thursdays, 11.30 A. M.]

*40 *Lucretius: the Younger Pliny.* 2 hrs.
[Omitted in 1897–98.]

*41 *Latin Philology.* 1 hr.
[Omitted in 1897–98.]

*42 *Roman Archaeology.* 1 hr.
[Omitted in 1897–98.]

*43 *Ennius, Lucretius, Vergil, and Horace.* 2 hrs.
[Omitted in 1897–98.]

*44 *The Letters of Cicero, Pliny, Fronto, and Marcus Aurelius.* 2 hrs.

[Omitted in 1897–98.]

Professors H. P. WRIGHT and INGERSOLL:—

*45 *Latin Lyric and Elegiac Poetry.* 2 hrs.

[See Course 147, page 87.]

Professor MORRIS:—

47 *Plautus.* 2 hrs.

Criticism and interpretation of the *Mostellaria*—text, forms, syntax, metres.

48 *Plautus.* 1 hr.

Lectures introductory to the study of Plautus, with work upon idioms and phraseology.

[Omitted in 1897–98.]

49 *Historical Syntax.* 2 hrs. both terms.

Lectures on the history of work in Latin syntax during this century, and on the principles and methods of the historical investigation of the modes and tenses; discussion of text-books and of a few good specimens of work in this field; outline of the syntax of the modes and tenses from the historical point of view.

The lectures are accompanied and followed by a study of the *qui* clause, the material for which is collected and examined by students who take the course.

[Omitted in 1897–98.]

50 *Text-Criticism.* 1 hr.

Lectures on palaeography and on the general principles of text-criticism, with practice upon the text of Nepos. Those who desire to take the course should procure Halm's larger edition, published by Teubner.

*51 *Vergil.* 2 hrs.

[See Course 148, page 87.]

*52 *Cicero.* 2 hrs.

[See Course 149, page 87.]

Professor LANG :—

53 *Low Latin.* 1 hr.

The aim of this course, which extends over two years, is to give an historical account of the popular speech of Rome and of the Roman provinces, and also an outline of its grammar and syntax, as it is disclosed to us by classical Latin, the testimony of the Latin grammarians, inscriptions, medieval documents, and the consensus of the Romance languages.

The first year's course is taken up with lectures on the history and the grammar of Low Latin and, as far as time permits, the reading of a Low Latin text. For the present the following is used: J. F. Gamurrini, *S. Silviae Aquitanae Peregrinatio ad Loca Sancta.* Editio altera. Romae 1888.

[Tuesdays, 11.30 A. M.]

54 *Low Latin* (second year). 1 hr.

The second year's course is taken up with the interpretation of Low Latin texts by the student and the study of special subjects assigned by the instructor.

[Thursdays, 10.30 A. M.]

Dr. ROBINSON.

*55 *Roman Law.* 2 hrs.

[See Course 152, page 88.]

Assistant Professor OERTEL :—

56 *The Italic Dialects.* 1 hr.

After a brief survey of the peoples and languages of ancient Italy, the Oscan and Umbrian inscriptions are read and interpreted. Students intending to take this course provide themselves with Zvetaieff's *Inscriptiones Italiae inferioris dialecticae in usum praecipue academicum* (Mosquae) 1886 and *Umbrica interpretatus est F. Buecheler* (Bonnae) 1883.

57 *The Italic Dialects* (second year). 1 hr. both terms.

A continuation of the foregoing, together with a systematic exposition of the Phonology and Morphology of the Italic dialects, including the Latin.

Assistant Professor INGERSOLL :—

*59 *Latin Literature.* 2 hrs.

[See Course 153, page 88.]

Dr. A. L. WHEELER :—

*60 *Latin Composition.* 1 hr.

[See Course 154, page 88.]

For a course in Greek Philosophy, see course I, 24.

Graduate students of this University, with the approval of the classical instructors, are admitted to the free enjoyment of the privileges of the American School of Classical Studies at Athens.

THE CLASSICAL CLUB

The Phelps Memorial Building, which was ready for occupancy in the autumn of 1896, was assigned to the use of the Classical Department of the University. In addition to twelve ordinary class-rooms, two seminary rooms, and offices for instructors, it contains a large apartment for the library and reading-room of the Classical Club. This room is intended to become the headquarters of advanced students in classical philology, and to furnish to them the advantages of a good private library. It already contains more than twenty-five hundred volumes, of texts, commentaries, works on antiquities, etc., as the germ of a departmental library. The books most needed for the immediate work in the classical courses for the present year are to be found there. The recent gift to the University Library of the important library of Ernst Curtius, the distinguished archaeologist and historian, not only added to the philological and archaeological wealth of the main library, but also has supplied 700 volumes (many of which are rare and expensive) for the immediate use of the Classical Club. The Club meets every Saturday and spends that evening in reading and discussing the work of some classic author, with reports and papers in the field of Greek and Latin Philology. During the year 1897–98 the works of Lucian and Vergil are studied.

V. MODERN LANGUAGES AND LITERATURES

THOMAS R. LOUNSBURY, LL.D.
HENRY A. BEERS, M.A.
HENRY R. LANG, Ph.D.
GUSTAV GRUENER, Ph.D.
ROBERT L. TAYLOR, B.A.
WILBUR L. CROSS, Ph.D.
HERBERT A. SMITH, Ph.D.
JULES LUQUIENS, Ph.D.
ALBERT S. COOK, Ph.D., L.H.D.
ARTHUR H. PALMER, M.A.
WARREN A. ADAMS, Ph.D.
ROBERT N. CORWIN, Ph.D.
WILLIAM L. PHELPS, Ph.D.
JAMES W. BROATCH, B.A.

ROMANCE LANGUAGES

Professor LUQUIENS :—

1 *Early French Literature and Historical Grammar.* 2 hrs.
The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, the rest of the year to reading from the best literary productions of the xith, xiith, and xiiith centuries.
[Wednesdays, 5 P. M., Saturdays, 11.30 A. M.]

2 *Middle Age Literature in France.* 1 hr.
A continuation of course 1, including, besides a survey of the works not touched by the latter, a discussion of the French dialects, especially of the Norman and Anglo-Norman.

3 *French Literature of the xvith Century.* 2 hrs.
A study of the literary Renaissance in France.
[Omitted in 1897–98.]

*4 *Systematic Readings in the French Literature of the xviith Century.* 2 hrs.
[See Course 73, page 72.]

*5 *Systematic Readings in the French Literature of the xixth Century.* 2 hrs.
[See Course 74, page 73.]

6 *French Literature of the xviiith Century.* 2 hrs.
The main part of the course is devoted to a study of the evolution of French thought as manifested in the works of Montesquieu, Voltaire, Diderot, and J. J. Rousseau.
[Mondays and Fridays, 3 P. M.]

Professor LANG :—

7 *Provençal Language and Literature.* 2 hrs.

This course is strictly literary and philological, and is open only to those who have made a scientific study of the language and literature of France and of Italy. The course begins with lectures on the historical grammar of old Provençal, after which the origin and growth of Provençal lyric poetry and Provençal metre are studied in connection with the reading of selections from the works of the Troubadours. The text-book used is Appel's *Provenzalische Chrestomathie.*

[Mondays, 3 P. M., and Fridays, 11.45 A. M.]

8 *Provençal (*Second Year*).* 1 hr.

The second year's course is taken up with the interpretation of Provençal texts by the student and the study of special subjects assigned by the instructor. Appel's *Provenzalische Chrestomathie* will be used as text.

[Wednesdays, 11.30 A. M.]

*9 *Spanish, Elementary Course.* 3 hrs.

[See Course 80, page 74.]

*10 *Spanish Literature of xvith and xviith Centuries.* 2 hrs.

[See Course 81, page 74.]

*11 *Italian, Elementary Course.* 3 hrs.

[See Course 85, page 75.]

*12 *Dante's Divina Commedia.* 1 hr.

[See Course 87, page 75.]

*13 *Petrarch.* 1 hr.

[See Course 89, page 76.]

Mr. TAYLOR :—

*14 *Short Masterpieces of French Literature.* 2 hrs.

[See Course 71, page 72.]

GERMANIC LANGUAGES

Professor GRUENER :—

15 *Gothic, Old High German, and Old Saxon.* 3 hrs.

An introductory course, especially for those who intend to study historically German or English.

The first half-year is given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik*, and Streitberg's *Gotisches Elementarbuch* or Wright's *Gothic Language Primer*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German.*

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*, Gallée's *Altsächsische Grammatik*, Behaghel's *Hêliand.*

16 *Introduction to Germanic Philology.* 2 hrs. 2d term.

A course introductory to the general study of Germanic philology, dealing with the history, the methods, the different fields, and the fundamental facts of Germanic philology. The basis of the work is Paul's *Grundriss der Germanischen Philologie*, from which selected portions will be read and discussed, and supplemented by informal lectures.

Professor PALMER :—

17 *Old Norse Icelandic.* 3 hrs.

Grammar, and reading in the Sagas and the Elder Edda.

[Omitted in 1897–98.]

*18 *Scientific German.* 2 hrs.

[See Course 94, page 77.]

*19 *History of German Literature, 1624–1832.* 2 hrs.

[See Course 97, page 77.]

Professor GRUENER :—

20 *Middle High German.* 3 hrs.

Hartmann; *Der arme Heinrich* and *Iwein. Nibelungenlied.* Selected poems of Walther von der Vogelweide. Selections from Wolfram von Eschenbach's *Parzival.* Lectures and papers.

[Omitted in 1897–98.]

21 *German Literature of the Reformation Period (1500–1624).* 3 hrs.

The development of German literature is studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.

[Omitted in 1897–98.]

*22 *Schiller, Works and Life.* 2 hrs.

[See Course 92, page 76.]

*23 *Prose of Modern German Historians and Critics.* 2 hrs.

[See Course 93, page 76.]

Dr. W. A. ADAMS :—

*24 *Goethe, Works and Life.* 3 hrs.

[See Course 96, page 77.]

Assistant Professor CORWIN :—

25 *Lessing.* 2 hrs. both terms.

This course aims to acquaint the student with the regeneration of German literature through Lessing in his two-fold capacity of literary critic and poet. After an outline study of Lessing's life, and the literary and political conditions of the times, his works are read and discussed. Particular attention is given to the development of literary criticism and of the drama.

ENGLISH

Professor LOUNSBURY :—

26 *The English Literature of the XIVth Century.*

[Omitted in 1897–98.]

27 *The Early Victorian Era: Tennyson and his Contemporaries.* 2 hrs.

[Omitted in 1897–98.]

Professor BEERS :—

28 *Medieval Allegory.* 2 hrs.

A study of medieval allegory, including the *Romaunt of the Rose* (Chaucerian translation), *Piers Plowman*, and the *Purgatorio* of Dante, with two or three morality plays and selections from Skelton, Dunbar, *The Court of Love*, and other late medieval work. Candidates for this course should have a fair reading knowledge of Italian.

29 *Modern Drama.* 2 hrs.

A course in the history of English dramatic literature since 1660, including the leading stage-plays of the 17th and 18th centuries, and the literary-verse drama of the 19th. Incidental use will be made of French and German plays that were influential in England.

[Mondays and Fridays, 5 P. M. (second term, 3 P. M.)]

*30 *Victorian Literature.* 2 hrs.

A study of certain authors, groups, and literary movements in England since 1837. (Tennyson and Browning are not included in this course.)

[Tuesdays and Thursdays, 5 P. M. (second term, 3 P. M.)]

Graduate students who take this course are furnished with additional study.

Professor COOK :—

The strictly graduate courses offered below are given according to circumstances and the needs of the graduate students actually in attendance; but special attention is given to the supervision of individual research along these and similar lines.

31 *Encyclopaedia and Methodology of English.*

This course is designed to acquaint the student with the more important branches of scholarship relative to the English language and literature, with a few of the representative books in each, and with the scope and method of research in this department.

[Wednesdays, 4 P. M.]

32 *Theories of Poetry.*

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis

of standard works, such as Aristotle's *Poetics*, Sidney's *Defense of Poesy*, Addison's *Criticisms on Paradise Lost*, Boileau's *Art of Poetry*, Lessing's *Laokoon*, and others of similar character. Reading of masterpieces to illustrate and extend the principles derived from theoretic works.

[Wednesdays, 3 P. M.]

33 *Advanced Old and Middle English.*

A survey of the subject for those who are not yet prepared for minuter specialization.

[Thursdays, 11.30 A. M.]

34 *Seminary in Literature.*

A critical study of some representative writer or department of literature. In 1894–95, Ben Jonson was the author selected; in 1895–96, Browning; in 1896–97, Chaucer. The Jacobean Drama is the subject for 1897–98.

[Alternate Mondays at 7 P. M.]

35 *Middle English Texts.*

A course in the interpretation of selected Middle English texts.

[Mondays, 11.30 A. M.]

36 *Historical English Prosody.*

Schipper's *Englische Metrik* is adopted as the basis of study, but reference is made to the discrepant views of other authorities.

[Tuesdays, 10.30 A. M.]

*37 *Old and Middle English.* 2 hrs.

[See Course 107, page 79.]

Assistant Professor CROSS :—

38 *English Prose Fiction from DeFoe to George Eliot.* 1 hr.

A course of study in literary development. Instruction by lecture and conference.

[Tuesdays, 10.30 A. M.]

Assistant Professor W. L. PHELPS.

39 *Elizabethan Literature.* 2 hrs. both terms.

Studies in the poetry and prose of the Elizabethan period, exclusive of the drama. Wyatt, Surrey, Ascham, Foxe, Painter, Lyly, Ralegh, Greene, Nash, Lodge, Marlowe, Hooker, Sidney, Spenser, Shakespeare, Davies, Drayton, Chapman, and others. Lectures, discussions, and preparation of special papers by members of the class.

40 *English Literature of the Seventeenth Century.* 2 hrs.

A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert, Crashaw, Vaughan, Quarles, Carew, Suckling, Herrick, Cowley, Waller, Milton, Marvell, Butler, and Dryden is read.

Dr. H. A. SMITH.

*41 *English Literature of the Eighteenth Century.* 2 hrs.

[See Course 114, page 81.]

*42 *English Literary Criticism of the Nineteenth Century.* 2 hrs.

[See Course 117, page 82.]

Mr. BROATCH :—

43 *Troilus and Criseyde, and the Troy Story in English.* 1 hr.

Chaucer's *Troilus and Criseyde* and Shakespeare's drama upon the same theme are read. Reference is also made to Caxton's *Recueil*, Lydgate's *Troy Book*, and other English versions of the story of Troy. The required reading embraces only English texts, but lectures are given to establish the connection between Homer and the English versions of the Troilus and Cressida story. Benoît's *Roman*, Boccaccio's *Filostrato*, and Guido's *Historia*, are compared, in lectures, with Chaucer's and Shakespeare's versions of *Troilus and Cressida*.

[Thursdays, 9.30 A. M.]

THE MODERN LANGUAGE CLUB, formed of instructors and students in the departments of English, Romance Languages, and German, holds its regular meetings on the second Saturday evening of each month for the reading and discussion of original papers, and for reports of progress in the field of these studies.

THE ENGLISH CLUB, to which are invited all persons, whether members of the University or not, who are interested in the study or teaching of the English language or literature, meets on alternate Monday evenings to listen to the presentation of some topic, and engage in the informal discussion of it. The club never remains in session over an hour, and thus opportunity is afforded for keeping other engagements the same evening.

THE ENGLISH SEMINARY ROOM, at 135 Elm st., which has lately been enlarged for the better accommodation of graduate students in English, contains the nucleus of a working library. This room is general headquarters for the graduate students in English, and serves for the meetings of the English Club, and for similar purposes.

VI. NATURAL AND PHYSICAL SCIENCE

GEORGE J. BRUSH, LL.D.
ARTHUR W. WRIGHT, Ph.D.
ADDISON E. VERRILL, M.A.
WILLIAM G. MIXTER, M.A.
EDWARD S. DANA, Ph.D.
FRANK A. GOOCH, Ph.D.
SAMUEL L. PENFIELD, M.A.
CHARLES E. BEECHER, Ph.D.
WILLIAM J. COMSTOCK, Ph.B.
HENRY L. WHEELER, Ph.D.
JAMES LOCKE, Ph.D.
WESLEY R. COE, Ph.D.
WILLIAM H. BREWER, Ph.D.
OTHNIEL C. MARSH, Ph.D., LL.D.
SIDNEY I. SMITH, M.A.
HENRY S. WILLIAMS, Ph.D.
CHARLES S. HASTINGS, Ph.D.
RUSSELL H. CHITTENDEN, Ph.D.
HORACE L. WELLS, M.A.
LOUIS V. PIRSSON, Ph.B.
ALEXANDER W. EVANS, M.D.
PHILIP E. BROWNING, Ph.D.
LAFAYETTE B. MENDEL, Ph.D.
BERTRAM B. BOLTWOOD, Ph.D.

MINERALOGY

Professor DANA :—

1 *Mineralogy and Crystallography.* 2 hrs.

Practical study of mineral species by means of blowpipe analysis and other methods; mathematical study of crystals by the methods of analytical and spherical trigonometry as also of their optical properties. Additional opportunity is given to those who desire it to gain facility in the determination of minerals.

This course can be most advantageously prosecuted by those who have some knowledge of chemistry.

[Saturdays, 9.30–11.30 A. M.]

Professor PENFIELD :—

2 *Mineralogy.* 3 hrs. 1st term.

Blowpipe analysis, including the use of the blowpipe and of simple chemical methods for identifying the different elements in minerals. Lectures and laboratory work.

3 *Determinative Mineralogy.* 3 hrs.

A continuation of the above course, in which the student makes a practical study of the common minerals, having at command a collection of minerals for determinative work, besides a large collection of labelled specimens, for comparison, and an unlabelled collection, for practice in identifying minerals at sight.

4 *Descriptive Mineralogy.* 2 hrs. 2d term.

A series of lectures on the classification, occurrence, and properties of the mineral species, illustrated by the Brush Collection.

5 *Crystallography.* 2 hrs. 2d term.

Lectures, illustrated by crystals and models, supplemented by practical work in the measurement, calculation, and drawing of crystals. These are followed by a few lectures on the physical and optical properties of minerals.

6 *Original Investigation in Mineralogy and Crystallography.*

Opportunities are offered to those who are far enough advanced, for research work in mineralogy and crystallography. This includes the study of the chemical composition and deduction of the formulae of minerals, together with their physical, optical, and crystallographic properties.

Material for investigation is available from the University and Brush Collections.

Professor PIRSSON :—

7 *Petrology.* Daily, 9 A. M. to 1 P. M.

(*a*) Study and determination of the rock-making minerals by optical and chemical methods. Includes the use of the petrological microscope.

(*b*) History, origin, and classification of rocks, commencing with igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are taken up. The work is carried on mostly in the laboratory, with access to collections both of rocks and thin sections.

(*c*) Original investigation. In sequence to (*a*) and (*b*) some special object or locality may be made the subject of investigation. The work requires laboratory methods of determination, both chemical and microscopical, with consultation of the literature and occasionally work in the field. A large amount of material is available in the petrologic collections of the Sheffield Scientific School.

Only those whose previous training in mineralogy and geology has been sufficient to enable them to pursue the subject advantageously are admitted to this course.

8 *Elementary Petrology.* 1 hr. Winter half-term.

A series of lectures of an elementary nature, and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties. Illustrated by collections.

GEOLOGY

Professor WILLIAMS :—

*9 *Geology.* 2 hrs.

A course of lectures on the general principles of the science of geology. Historical geology is studied chiefly from a geological standpoint ; the special study of the relation of organisms to geology is considered in the following course.

[Mondays and Thursdays, 9.30 A. M.]

10 *Geological Biology.*

The study of fossils in the laboratory, and with field-work so far as practicable, (1) as means of determining and classifying geological formations, (2) as evidence of the relations of organisms to their environment and of their evolution in the past.

For this course some knowledge of zoology is desirable; and for those who wish to take the course, and are not sufficiently well prepared in this direction, preliminary work in the zoology of living forms is planned.

Instruction is given also by informal lectures and the assignment of courses of reading of geological literature bearing upon the problems under investigation.

The number of hours and the specific line of study are arranged by the instructor upon consultation in each case.

11 *Philosophy of Life and Organism.* 2 hrs. 1st half year.

A discussion of the facts and phenomena underlying the modern theories of evolution ; and of the various forms of theory proposed to explain them.

[See Course i. 9, by Professor Duncan.]

Professor PIRSSON :—

*12 *Elementary Structural and Dynamical Geology.* 3 hrs. first half-year.

The exercises are partly recitations and partly lectures, and are illustrated by maps, diagrams, and specimens. Leconte's *Elements of Geology* is used as a text-book.

[Mondays, Wednesdays, and Fridays, 8 A. M.]

Professor BREWER :—

*13 *Physical Geography.* 3 hrs. first half-year.

[See Course 235, page 99.]

For a course in Physical Geography in its relation to history, see Political and Social Science, course 29.

PALAEONTOLOGY

Professor MARSH :—

14 *Vertebrate Palaeontology.* 2 hrs. 2d term.

Lectures and laboratory instruction. Open to advanced students who are familiar with Zoology and Geology. Courses of study will be arranged by the instructor upon consultation.

Professor BEECHER :—

15 *Invertebrate Palaeontology.* Daily, 11 A. M., both terms.

(*a*) The study of extinct faunas by means of collections of fossils from typical localities.

(*b*) Systematic study of the structure, development, and affinities of one or more classes of fossil animals.

In the laboratory work, attention is given to modern methods of preparation and preservation of specimens. Open to those who have some previous knowledge of geology and zoology.

(*c*) Original investigation. Following *a* and *b*, an opportunity is given to take up some special subject for investigation and the discovery of facts new to science. The requisite material is available in the extensive collections of the Peabody Museum. The work necessitates the frequent consultation of memoirs and scientific reports, occasional field-work, the use of the microscope, the preparation of thin sections, and other methods employed in practical investigation.

[Courses *a* and *b*: Laboratory work, three days per week, 2–5 P. M. Course *c*: Laboratory work, three days per week, 2–4 P. M. Other hours and divisions of work may be arranged to suit the convenience of students.]

PHYSICS

Professor A. W. WRIGHT :—

16 *Physics.* 2 hrs.

Chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

17 *Physics (Advanced course).*

Practical work in the Sloane Physical Laboratory, with instruction in the principles and methods of physical investigation, the processes and instruments of measurement, and the methods of computing and reducing results of observations. Special attention is paid to practical measurements in optics, electricity, and magnetism. The student is expected to make origina investigations an important part of his work, and has the free use of the laboratory facilities for carrying them on.

For those who have already pursued course 16 or its equivalent.

Professor HASTINGS :—

18 *Physics.* 3 hrs. lectures, 6 hrs. laboratory work.

Laboratory work, supplemented by lectures on the theory of observation with the method of least squares, and on the theory of electricity and electrical instruments. The use of the laboratory is at the command of the student at all times.

[Lectures on Wednesdays, Fridays, and Saturdays, 12 M.]

For courses in Mathematical Physics, see Pure and Applied Mathematics, courses 4, 5, 7, and 8.

THE PHYSICS JOURNAL CLUB, composed of graduate students in Physics, meets weekly for the review and discussion of the current literature in this department of study.

CHEMISTRY

(COURSES IN THE SHEFFIELD CHEMICAL LABORATORY)

The analytical laboratories of the Sheffield Scientific School are open to students in term time from 9 to 1 and from 2 to 5 o'clock, every week-day except Saturday. The greater part of the instruction is given in the laboratory to each student separately, but the various classes have, in addition, two or more lectures or recitations a week, in connection with the studies pursued in the laboratory.

Professor MIXTER :—

19 *Chemical Physics.*

Especially the methods employed in the determination of molecular masses and specific heat.

Professor WELLS :—

20 *Qualitative Analysis.* 1st term.

Embraces a study of the commonly occurring elements in their qualitative relations, and includes a systematic course of analysis for the same. A good knowledge of elementary chemistry is a necessary preparation for this. If desired, the course is extended to include a study of many of the rare elements.

[Laboratory work : Monday to Friday, 9 A. M. to 1 P. M., and 2 to 5 P. M. Lectures and Recitations : Mondays and Tuesdays, 5 P. M.,—occasionally at 12 M.]

21 *Quantitative Analysis.*

This is open only to those who have taken course 20 or its equivalent.

(*a*) *Gravimetric Analysis.* Second term. Embraces a series of exercises involving a considerable number of important methods.

(*b*) *Volumetric Analysis.* First term. This follows the gravimetric analysis. It includes the most important and typical methods.

(*c*) *Ultimate Organic Analysis.* First term.

22 *Advanced Quantitative Analysis.*

(*a*) *Metallurgical Chemistry.* The analysis of ores, fuels, fluxes, alloys, metals, and other furnace products.

(*b*) *Mineralogical Chemistry.* The analysis of minerals for scientific purposes.

Laboratory work, every week-day (except Saturday), 9 A. M. to 1 P. M., and 2 to 5 P. M.

23 *Metallurgy and Assaying.* 2d half of 2d term.
A course of lectures on elementary metallurgy, followed by a short course of demonstrative lectures on gold and silver assaying, with the practical application of assaying to a few typical ores.

24 *Technical Gas-Analysis.* 2d half of 2d term.
A short practical course, including the principal methods.

25 *Investigations in Inorganic Chemistry.*
Opportunities are offered to those who have had sufficient preparation to make researches on analytical methods, in the preparation and investigation of chemical compounds, and other scientific problems.

Mr. COMSTOCK :—

26 *Elementary Organic Chemistry.*
During part of the year the course consists of laboratory work, three exercises weekly. The remainder of the time is devoted to recitations supplemented by lectures, two hours weekly.

27 *Organic Chemistry.* 2 hrs. 1st term.
A continuation of the above course. Recitations and lectures.
[Thursdays and Fridays, P. M.]

Dr. LOCKE :—

28 *Constitution of Chemical Compounds.* 1 hr.
Lectures.
[Wednesdays, 5 P. M.]

29 *The Theory of Analytical Chemistry.* 2 hrs. first half-year.
Ostwald's *Foundations of Analytical Chemistry* is followed.

Dr. H. L. WHEELER :—

30 *Advanced Organic Chemistry.*
This offers an opportunity for more extended study and original investigation to those who have proper preparation.

31 *Organic Preparations.* 1st half of 2d term.
Laboratory-work, consisting of five exercises per week of about three hours each in the preparation of such compounds as will give familiarity with the most important synthetical methods.

Dr. BOLTWOOD :—

32 *Physico-Chemical Measurements.* 2d term.

The course is intended to give an opportunity to those who desire to become acquainted with the more important methods of Physical Chemistry. The work comprises laboratory-work supplemented by lectures in which the general theory is discussed. Ostwald's *Physico-Chemical Measurements* is followed.

[Lectures, Mondays, 5 P. M.]

33 *Electro-Chemistry.* 2d term.

This course is given in connection with the above, but is intended for those who wish to make a special study of Electro-Chemistry. LeBlanc's *Principles of Electro-Chemistry* is followed, and opportunities for special laboratory-work in this subject are afforded.

[Lectures, Friday, 5 P. M.]

(COURSES IN THE KENT LABORATORY)

The Kent Laboratory is open daily from 9 A. M. to 1 P. M., and from 2 P. M. to 5 P. M., to students taking strictly graduate courses. The hours for most of the undergraduate courses are given below.

Professor GOOCH and Dr. BROWNING :—

*34 *Experimental Inorganic Chemistry.* 3 exercises—6 hrs.

[See Course 210, page 97.]

Dr. BROWNING :—

*35 *Qualitative Chemical Analysis.* 3 exercises—5 hrs.

[See Course 211, page 97.]

Professor GOOCH :—

*36 *Elementary Organic Chemistry.* 2 exercises—4 hrs.

An introduction to the study of the compounds of carbon. Laboratory work (three hours weekly) with lectures (one hour weekly).

[Tuesdays, 10.30 A. M. and Fridays, 9.30 A. M.–12.20 P. M.]

*37 *Quantitative Analysis.* 2 exercises—6 hrs.

[See Course 213, page 98.]

38 *Quantitative Chemical Analysis (second course).*

Practice in the more complex processes of gravimetric, volumetric, and electrolytic analysis.

[Daily ; hours for consultation fixed by appointment.]

39 *Organic Synthesis.*

Laboratory practice in synthetical processes too long or too complicated to be included in the more elementary work of course 32.

[Daily ; hours for consultation fixed by appointment.]

40 *Chemical Theory.* 1 hr.

This course (given in alternate years) is devoted to the discussion of the general principles and modern theories of chemistry.

[Mondays, 5–6 P. M.]

41 *Special Methods.*

Laboratory practice in special methods of analysis and research.

[Daily ; hours for consultation fixed by appointment.]

42 *Original Work and Research in Inorganic Chemistry.*

(*a*) Special problems of *analysis*—either experimental criticism of known processes or constructive work looking toward the development of new methods.

(*b*) The critical examination of reactions.

[Daily ; hours for consultation fixed by appointment.]

Dr. BROWNING :—

43 *The Rare Elements.* 1 hr. both terms.

A short course of lectures covering the discovery, occurrence, and principal reactions of the elements not included in the general course. The methods in use for the qualitative and quantitative determinations are carefully studied, and a systematic arrangement developed so far as practicable. Those who wish to do so take laboratory work in connection with these lectures.

[Thursdays at 12 M.]

44 *Inorganic Preparations.*

A short course, mainly laboratory work, covering typical methods for the extraction and preparation of salts from minerals. The early part of the work will deal with the more commonly occurring minerals ; the later with minerals which contain the so-called rare elements.

THE CHEMICAL CLUB, composed of instructors, graduate students, and others interested in chemistry, holds fortnightly meetings for the presentation and discussion of papers and reviews of recent work.

BIOLOGY

Professor VERRILL :—

45 *Zoology.*

Laboratory practice, recitations, readings, and lectures. The laboratory work is varied according to circumstances, in order to accommodate, as far as possible, those students who wish to pursue special branches. A large part of the time is usually devoted to comparative anatomy, morphology, and systematic zoology. Ample collections in the Peabody Museum, representing all classes of animals, are available for instruction, while the proximity to the sea makes it easy to provide fresh or living examples of most classes of marine animals for study and dissection.

Professor S. I. SMITH and Dr. COE :—

*46 *Elementary Anatomy and Histology.* 4 hrs. 1st term.
[See Course 241, page 100.]

*47 *Elementary Anatomy and General Biology.* 6 hrs. 2d term.
[See Course 241, page 100.]

48 *Comparative Anatomy and General Biology.*

Graduate students who have had sufficient elementary training are received in the Sheffield Biological Laboratory, and are provided with special advanced courses of instruction adapted as far as possible to the particular wants of the individual student. Such courses may cover either or both terms, and require at least three hours of laboratory work per day for two or more days each week. To such students the laboratory is open five days a week.

Professor CHITTENDEN and Dr. MENDEL :—

49 *Physiological Chemistry.*

Graduate students who have sufficient knowledge of analytical and organic chemistry and elementary physiology are received

into the Sheffield Biological Laboratory at the beginning of the academic year, where they can pursue a course in physiological chemistry extending throughout the entire year. The course necessitates, at an average, four hours of laboratory work each day, and attendance at lectures and recitations three or four times each week. Opportunities are afforded also for the carrying on of original investigations, and to students qualified for such work the laboratory is open during the entire day.

Students who are desirous of studying any special subject in physiological chemistry and have but a limited amount of time are also received, provided they are qualified by previous work to pursue the study advantageously.

[Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays, 9 A. M. to 1 P.M.]

50 *Experimental Physiology.* 3 hrs.

Laboratory work, with lectures and demonstrations in muscle and nerve physiology, circulation, blood pressure, etc., using the various graphic methods ordinarily employed in physiological work. Opportunity is also afforded for more advanced work in certain lines of experimental physiology.

51 *Experimental Toxicology.* 2d half 2d term.

A course of about twenty lectures, with demonstrations on the physiological action of the more important mineral and alkaloidal poisons. This course can be supplemented, if desired, by laboratory work on the chemical reactions of poisons, with a study of the methods of detecting and separating poisons.

52 *Physiological Seminary.* 2 hrs. both terms.

A study of the recent advances in physiology and physiological chemistry is undertaken. Informal lectures are given on the bearing which recent discoveries in physiology have on existing views, and the students are required to prepare reports and reviews of work appearing in the current German, French, and English physiological literature.

[Wednesdays, 4 to 6 P. M.]

*53 *Physiology.* 1 hr.

[See Course 240, page 100.]

*54 *Physiological Chemistry.* 4 hrs. 2d term.

[See Course 241, page 101.]

Dr. EVANS:—

*55 *Botany.* 3 hrs. 2d half-year.

[See Course 236, page 99.]

56 *General Morphology of Plants.* 2 hrs.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life, are studied and compared.

The course is limited to those who can show a satisfactory knowledge of the botany of the flowering plants.

[Wednesdays and Fridays, 3 P. M.]

Dr. COE:—

57 *Cytology and General Embryology.* 4 hrs. 1st term.

Laboratory work supplemented by lectures, on the animal cell in the principal phases of its activity, with special reference to maturation, fertilization, and cleavage of the ovum. The course requires two forenoons a week and includes the practical study of cell with resting nucleus, cell-division, spermary and spermatozoa, ovary and maturation of the ovum, fertilization, cleavage, and formation of primary layers of the embryo. Considerable attention is given to the technique of the subject.

In addition to the above, special courses may be arranged for the second term to meet the requirements of individual students, and such courses may include a study of the later stages of the development of the embryo.

VII. MATHEMATICS

JOHN E. CLARK, M.A.
CHARLES B. RICHARDS, M.A.
A. JAY DUBOIS, Ph.D.
ANDREW W. PHILLIPS, Ph.D.
JAMES PIERPONT, Ph.D.
JACOB WESTLUND, B.A.
WENDELL M. STRONG, M.A.
J. WILLARD GIBBS, Ph.D., LL.D.
EUGENE L. RICHARDS, M.A.
WILLIAM BEEBE, B.A.
SAMUEL E. BARNEY, C.E.
PERCY F. SMITH, Ph.D.
GEORGE P. STARKWEATHER, M.E.

PURE MATHEMATICS

Professor CLARK:—

1 *Determinants and Differential Equations (successively).* 2 hrs.

The short courses in the above subjects are designed especially for the graduate students in the departments of engineering in

the Sheffield Scientific School, whose time is mainly occupied with work in those departments.

[Wednesdays and Saturdays, 10 A. M.]

Professor GIBBS :—

2*a* *Vector Analysis.* 2 hrs. 1st term.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

[Mondays and Thursdays, 3 P. M.]

2*b* *Vector Analysis.* 2 hrs. 2d term.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed as an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

3 *Multiple Algebra.* 1 hr.

The object of this course is to give some idea of the methods and results of the principal non-arithmetical algebras, especially of the *Ausdehnungslehre* and the algebra of matrices. It is intended for such students as have already some familiarity with the algebra of vectors, derived from the preceding courses or from the study of quaternions.

[Tuesdays, 10 A. M.]

4 *Electricity and Magnetism.* 1 hr.

In this course, which is based on Maxwell's theory, the student is taught the use of vector methods in this branch of physics.

[Wednesdays, 11 A. M.]

5 *Thermodynamics and Properties of Matter.* 2 hrs.

This course is a development of the consequences of the two fundamental laws of thermodynamics, as affording a general theory of physical and chemical equilibrium, and as giving shape to the investigation of the sensible properties of matter.

[Tuesdays, 5 P. M., and Fridays, 3 P. M.]

In the year 1898–99, in addition to the courses 2*a* and 2*b* in vector analysis, the following may be expected :

6 *Miscellaneous Applications of Vector Analysis.* 1 hr.

These applications are to such subjects as the theory of curvature, surfaces of the second degree, the motion of a rigid body, the fundamental principles of hydrodynamics, and elliptic and parabolic motion.

[Omitted in 1897–98.]

7 *Electro-Magnetic Theory of Light.* 2 hrs.

This course commences with the general theory of harmonic motion and its representation by complex scalar and vector quantities. The laws of electrodynamics are then applied to the phenomena of the propagation of light in isotropic and aeolotropic media, and its reflection at a surface between two such media, including the case of an absorbent medium, and the dispersion of colors.

[Omitted in 1897–98.]

8 *Dynamics and Thermodynamics.* 1 hr.

This course commences with the demonstration of the most general form of the laws of motion as given by Lagrange and Hamilton, and then proceeds to the application of the theory of probabilities to molecular mechanics, so as to deduce the notions of temperature and entropy, and the second law of thermodynamics.

[Omitted in 1897–98.]

Professor PHILLIPS.

*9 *Calculus.* 2 hrs.

The elementary problems of differentiation and integration; with applications to the expansion of functions into series, problems of maxima and minima, curve-tracing, the rectification of curves, the quadrature of plane surfaces and surfaces of revolution, and the cubature of volumes. Osborn's *Calculus* is used as a text-book.

Assistant Professor PIERPONT :—

10 *Advanced Calculus.* 3 hrs.

This is a continuation of Calculus course number 9, and is thus open only to those who have taken that course or its equivalent. The usual topics of an advanced course are

treated, but the following may be specially mentioned: the development of a function into series, the differentiation and integration of infinite series, indeterminate forms; definite integrals, change of variables and differentiation of such integrals, double integrals, and change of order of integration; line and surface integrals, and investigation of definite integrals, either when the interval of integration becomes infinite or the integrand becomes infinite or discontinuous. The last part of the course is devoted to an introduction to the theory of such differential equations as present themselves in Mechanics and Mathematical Physics. Instruction is given by lectures. Examples taken from actual problems in pure mathematics and physics are assigned students to work out, and of the three exercises of each week, one is spent in this work. The following works may serve as books of reference: A. Harnack—*Differential and Integral Calculus;* Stegemann, Kiepert—*Differential and Integral Rechnung;* Picard—*Traité d' Analyse.*

11 *Theory of Functions.* 2 hrs.

This is the first part of a comprehensive theory of functions of real and complex variables which is extended over two years. This year the greater part of the time is spent on functions of real variables. In order to fill a general want, in giving the course this year a number of subjects which more properly would be included in an advanced course on Calculus are also given. Some of the topics are: general definition of number after Dedekind and Cantor; limits, ensembles or multiplicities; notion of a function; continuity and discontinuity; functions with an infinite number of discontinuities; theory of differentials, differential coefficients of various orders, right and left-handed differential coefficients, condition for the existence of differential coefficients, continuous functions without differential coefficients; infinite series, differentiation and integration of infinite series; theory of Taylor's Series after Pringsheim, indeterminate forms, principle of condensation of singularities; Riemann's theory of definite integrals; first and second law of the mean, double integrals, line and surface integrals. Also applications of the theory to: the Eulerian integrals of first and second species, Dirichlet's integral, Fourier's double integral, Poisson's integral, theory of Fourier's series. Many of the subjects being novel and delicate, pains have been taken to bring together a large collection of examples from *actual* problems in pure mathematics and physics, which are used for study and illustration in the lectures, and furthermore, in

order that the student may acquire a practical knowledge of these subjects and a dexterity in their manipulation, the problems are given to them as material for work in the seminary.

12 *Linear Differential Equations.* 2 hrs.

Continuation of the course of the same name of the previous year. Some of the more advanced parts of the theory are given, as: the study of the cases when the Gaussian function $F(\alpha, \beta, \gamma : x)$ is an algebraic function of x; the theory of the Schwarzian function η and a detailed study of the conformal representation it affords. Continuation of the general theory of linear differential equation of order n; theory of irregular integrals. The latter part of the course is devoted to an exposition of Lie's theory of continuous groups in reference to linear differential equations.

A course in partial differential equations is planned for the following year, in which Lie's theory of transformation groups will be of determining influence.

Assistant Professor P. F. SMITH :—

13 *Plane Analytical Geometry (Advanced).* 2 hrs.

This is a study of some of the more important of the modern ideas in Plane Analytical Geometry. Commencing with the general theory of homogeneous co-ordinates, which are treated in detail with numerous examples, the general theory of plane algebraic curves is treated later. The singularities of these curves are carefully explained, and the more important formulae relating thereto derived.

The second half of the course is a careful study of the theory of rational transformations, with applications to the reduction of the singularities of algebraic curves. A detailed study of other parts of the subject of importance in the theory of algebraic functions is then made.

14 *Higher Geometry.* 2 hrs.

The plan of this course is to introduce the more modern notions of solid analytical geometry to those who are already familiar with the elements. The general idea of co-ordinates, and the new geometries to which this generalization has led, *e. g.*, line geometry, the spherical geometries of Darboux and Lie, are studied in detail. Then the subject of Lie's continuous groups of transformations is investigated with great care, especial attention being paid to the geometrical side of the theory.

Messrs. W. M. STRONG and WESTLUND.

*15 *Analytical Geometry.* 3 hrs.

[See Course 251, page 102.]

Mr. STARKWEATHER :—

16 *Mechanics.* 2 hrs.

The course consists of lectures and recitations, following the general lines of standard works, such as Routh, Williamson, and Minchin.

APPLIED MATHEMATICS

Professor C. B. RICHARDS :—

MECHANICAL ENGINEERING.

This course, arranged for candidates for the degree of Mechanical (or Dynamical) Engineer, is open also to special graduate students, who are allowed in certain cases to take selected parts. The leading topics are :

17 *Applied Mechanics.*

Including graphical methods in applied kinematics, and in the investigation of mechanisms working with friction ; graphical determinations of the accelerations of the moving parts of machines ; the strength of materials as affecting the proportions of machine elements ; the applications of the principles of hydraulics to the construction and working of turbines and pumps.

18 *Thermodynamics.*

Applications to the compound steam-engine, air compressors and compressed air motors, engines worked by volatile vapors, refrigerating machines, the warming and ventilation of buildings.

19 *Machine-Design.*

In this course the student is engaged in practical exercises under the guidance of the professor in charge, investigating machinery, the designing and making of working-drawings, specifications, and estimates for machines and manufacturing plant. In addition to the study of machines in general, either of the following subjects (at the option of the student) receives particular

attention: (*a*) Marine engineering; (*b*) Railway machinery; (*c*) Pumping machinery and plant; (*d*) Machinery and plant for manufacturing. The student is required to make complete drawings, from new designs, of at least one important piece of machinery under one of these subjects. A compound marine engine and boilers, a locomotive, a turbine driving centrifugal pumps a blowing-engine for an iron furnace, are examples.

Candidates for the degree of Mechanical Engineer are required to take also a course in mathematics, to sustain a final examination, and to present a satisfactory thesis on a subject approved by the professor in charge of the course.

Professor DuBois :—

Civil Engineering.

This course offers instruction for advanced graduate students as well as for those students who may be regular candidates for the degree of Civil Engineer. It embraces the following topics:

20 *Mechanics applied to Engineering.* 3 hrs. 1st half-year.
3 hrs. 2d half-year.

Including the application of kinematics, statics, and kinetics to engineering problems.

[Thursdays, Fridays, Saturdays, 12 M.]

21 *Construction and Design.* 3 hrs. 1st half-year.
3 hrs. 2d half-year.

Including the strength and properties of materials, construction and design of bridges, roofs, foundations, retaining walls, dams and embankments, masonry arches, sewerage and drainage, improvement of rivers and harbors, specifications and contracts, and the preparation of designs and working-drawings.

Candidates for the degree of Civil Engineer are required to take, in addition, a selected course in mathematics, practical astronomy, and when the facilities in the physical laboratory permit, a course of laboratory work, under the superintendence of the professors in charge. They are also required to sustain a final examination, and to present a satisfactory thesis, accompanied by appropriate designs, upon a subject approved by the professor in charge of the course.

To special students, not candidates for the degree of Civil Engineer, a selection of special topics is allowed.

[Mondays, Tuesdays, 2.30 P. M., Wednesdays, 12 M.]

Assistant Professor BARNEY :—

22 *Geodesy and Practical Astronomy.* 2d term.

Methods of observation, based on measurements, triangulation field-work ; theory of least squares, adjustment of observations, and computation of geodetic latitudes, longitudes, and azimuth. The study of practical astronomy embraces the use of the sextant and engineer's transit with solar attachment for determining time, latitude, azimuth, and needle variation.

23 *Railway Surveying.* Three weeks in September.

Design and Construction of Sewers and Sewage Disposal. 1st term.

Design of system for some town, including all estimates, maps, and detail drawings necessary for the construction of the system and disposal of the resulting sewage.

Assistant Professor BEEBE :—

*24 *Descriptive Astronomy.* 3 hrs. 1st half year.

[See Course 260*a*, page 104.]

*25 *Surveying.* 3 hrs. 2d half year.

[See Course 260*b*, page 104.]

*26 *Practical Astronomy.* 2 hrs.

[See Course 262, page 104.]

27 *Computation of Orbits.* 2 hrs.

Development of formulae and numerical calculations for determining the parabolic orbit of a comet from three observations.

Computation of an ephemeris and reduction of observations for comparison with the ephemeris.

To those who are familiar with vector methods, an opportunity is given during the latter part of the year to compute an orbit by vector methods with Professor Gibbs.

The course may be carried on through a second year to computation of elliptic orbits and the discussion of perturbations.

[Fridays and Saturdays, 10 A. M.]

THE MATHEMATICAL CLUB holds fortnightly meetings, at which are presented sketches of the history of mathematical development and inventions, summaries of articles in the current periodicals and other publications in pure and applied mathematics, descriptions and models of new apparatus, together with the original investigations of the instructors and advanced students in this department of study.

A MATHEMATICAL SEMINARY ROOM has been fitted up at 90 High street, and is provided with the nucleus of a Departmental Library for the use of the advanced students in Mathematics.

THE ENGINEERS' CLUB meets monthly in North Sheffield Hall for the reading and discussion of papers on subjects relating to the different branches of engineering.

Lectures are occasionally given before the club by professional experts.

VIII. THE FINE ARTS

JOHN F. WEIR, N.A., M.A. JAMES M. HOPPIN, D.D.
JOHN H. NIEMEYER, M.A.

Professor WEIR :—

1 *Technical Course in Painting.* 2 hrs.

This course consists of two exercises a week of two hours each. The course consists principally of studies in water-color painting, and includes lectures on the grammar of art, on painting, sculpture, and architecture, technically considered, with a critical account of the various schools and their representative masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

[Mondays and Fridays, 2 to 4 P. M.]

2 *Course in Modeling.* 2 hrs.

Two exercises a week of two hours each. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 1.

Professor HOPPIN :—

3 *History of Art.* 1 hr. 2d term.

The lectures in this department for the year 1898 treat of early Italian Painting; these are followed by lectures on Modern Schools of Painting, specially illustrated by such masters as Velasquez, Gérôme, and Burne-Jones.

[Tuesdays, 4 P. M.]

Professor NIEMEYER :—

4 *Course in Drawing.* 2 hrs.

This course consists of two exercises a week of two hours each in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

[Tuesdays and Thursdays, 2 to 4 P. M.]

IX. MUSIC

HORATIO W. PARKER, M.A. SAMUEL S. SANFORD, M.A.

Professor PARKER :—

*1 *Harmony.* 2 hrs.

[See Course 270, page 105.]

*2 *Counterpoint.* 2 hrs.

[See Course 271, page 105.]

*3 *Strict Composition.* 2 hrs.

[See Course 272, page 105.]

*4 *Instrumentation.* 2 hrs.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, etc.

[Wednesdays and Fridays, 3 P. M.]

5 *Free Composition.* 2 hrs.

Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs for male, female, or mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

[Wednesdays and Fridays, 2 P. M.]

Professor SANFORD :—

6 *Practical Music.*

Each student of the piano-forte receives individual instruction, under the supervision of Professor Sanford, who instructs in person a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert-playing. (No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.)

X. PHYSICAL EDUCATION

JAY W. SEAVER, M.A., M.D. WILLIAM G. ANDERSON, M.D.

Dr. SEAVER and Dr. ANDERSON :—

* *Physiology and Gymnastics.* 2 hrs.

[See Course 280, page 106.]

YALE SCHOOL OF THE FINE ARTS

COUNCIL

The Council of the School consists of the President of the University, the permanent officers of the School, and four members by election: Donald G. Mitchell, LL.D., Edward E. Salisbury, LL.D., J. Davenport Wheeler, PH.B., and William W. Farnam, M.A.

FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

JOHN F. WEIR, N.A., M.A., *Director, and Professor of Painting and Design*

JAMES M. HOPPIN, D.D., *Professor of the History of Art*

JOHN H. NIEMEYER, M.A., *Professor of Drawing*

JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

————, *Instructor in Architecture*

GEORGE H. LANGZETTEL, *Librarian and Clerk, and Assistant in Drawing*

MILES A. POND, PH.B., *Assistant in Drawing*

ORGANIZATION AND COURSE OF STUDY

The School aims to provide thorough technical instruction in the Arts of Design, viz: Drawing, Painting, Sculpture, Architecture, and Copperplate Etching; and to afford a knowledge of such branches of learning as relate to the Philosophy, History, and Criticism of Art. As a professional School of Art the aim is to furnish a thorough course of study in the practice of the studios, and as a department of the University to provide instruction in the Fine Arts as a constituent part of a scheme of general culture. These departments, of Practice and Criticism, may be regarded as distinct or correlative.

THE TECHNICAL COURSE

The technical instruction, for professional students, is based upon methods well adapted to discipline the faculties and ground the pupil in the elements and fundamental principles, which constitute a grammar of Art, as a foundation for all forms of special application. This instruction is arranged as follows:

In Drawing, the work is distributed over a three years' course. During the first year the practice of the studio is confined to drawing from the "Antique," from plaster casts; during the second year, to drawing from casts and the living model; and during the third year, to drawing from the living model, nude and draped. The classes under the supervision of the Instructor in this department are the antique, portrait, nude-model, and sketching classes. Students showing the requisite proficiency in any class, will be advanced to the work of the second or third year according to individual ability. Instruction in this department precedes all special courses in the various branches of Art; no pupil is allowed to enter any of the advanced classes without this necessary qualification in that degree of proficiency which is deemed essential as a preliminary ground for such studies. Lectures on the principles of decoration, as applied in the various branches of Decorative Art, are included in this department.

In Anatomy, instruction is given in the form of lectures, and by drawings made from specimens and casts. The course comprises the study of such portions of the human body as manifestly affect the external forms, the aim being to familiarize the pupil with the characteristics of those parts, independently of their combined action in modifying the external forms. Drawings of these parts are made by the pupils, in connection with the subjects discussed by the lecturer. Advanced studies include the whole structure of the human form in its plastic anatomy and mechanism. The skeleton and muscular system are viewed as a whole, and the modification of the external forms studied in action and repose. The subjects of proportion, equipoise and motion, and expression, are studied, and original drawings required in illustration, made from life, or from Greek sculptures, by reducing the same to their anatomical structure by the imagined removal of the integument.

In Perspective, the instruction is likewise given in the form of lectures, illustrated by examples drawn on the blackboard, explaining

he principles under discussion. The lectures are supplemented by practical exercises. The student is required to work out examples in the interim between the lectures. Objects are treated with reference to their true dimensions, as preliminary to their correct representation on a flat surface, as seen in perspective, at various distances, and from different points of view, including the study of shadows and reflections, and the application of the general principles of perspective to interior and exterior views. The pupil is required to work out problems in illustration of all the principles involved in linear perspective in its application to the various branches of art.

In Painting, the work is divided into an elementary and an advanced course of study. The first studies are devoted to the acquisition of a knowledge of the elements of technical practice, by painting from still-life. When the pupil has acquired some knowledge of the means in representing objects in color, as to their values and relations, the remainder of the course is given to studies of the living model, in portrait, figure, and composition. This is continued while the pupil remains in the School. The course in painting implies, on the part of the pupil, a requisite knowledge of drawing, and drawing from the living model is continued throughout the course in connection with the work in color. The practice of the studio is supplemented by illustrated lectures on Color, Chiaroscuro, Composition, and such other special topics relating to the principles and means of Art as are comprehended in its theory and practice.

In Modeling, a course is provided, including the anatomical lectures, and drawing. The work in this branch of instruction consists in first modeling in clay, from casts of Greek fragments, the head and other extremities of the human form, and then the whole figure. When the student has sufficient command of the method and means, the rest of the course is devoted to modeling from the living subject.

In Architecture, the course includes drawing, as provided in that special department in its elementary instruction, as well as the course in isometric projection and perspective. Under the instructor in Architecture, studies are made from notable examples of the various orders and styles, in chronological order, with original projects in illustration to be worked out by the student. The means and methods of preparing plans, elevations, sectional and working drawings, and perspective views in india-ink and water-color, are comprehended in the elementary part of this course. Arrangements may be made with other Departments of the University, by which students in Architec-

ture can obtain the requisite instruction in mathematical subjects having a direct bearing on this art, including plane geometry, stone-cutting, the nature and strength of materials, and the principles of construction and engineering.

The course includes a general and comprehensive view of the historic development of the various architectures, with a comparative analysis of the same with respect to their principles of construction and decoration.

IN COPPER-PLATE ETCHING, a course is provided, and a room set apart for this special study, containing all the necessary appliances of this art, including a press.

COURSE IN THE HISTORY AND CRITICISM OF ART

The instruction in this department includes courses of lectures by the various Instructors of the School, arranged to include professional students in regular course, and classes from other departments of the University where it is recognized as an "elective" study.

IN THE HISTORY OF ART, the course is as follows: 1. The *Origin* and *Philosophy* of the Art principle—books chiefly referred to, Hegel, Lotze, Ruskin; 2. *Egyptian Art*—Perrot and Chipiez' *Histoire de l'Art de l'Antiquité*, etc.; 3. *Oriental Art*, with special reference to its influence on Greek Art—Schnaase, Fergusson, Perrot and Chipiez, etc.; 4. *Greek Art*, Principles of Greek Art; Pelasgic construction, and the three orders of Greek Architecture; Greek Sculpture, including the Archaic, Pheidian, and Naturalistic Periods, and the Graeco-Roman, with recent researches at Olympia and other places; *Greek Painting*, Ceramic, Mosaic, and Mural—Winckelmann, Lessing, Ottfried Müller, J. Overbeck, Schnaase, Friedrichs, Charles Blanc, and Woltmann; 5. *Roman Art*, Fergusson, Dennis, Emil Braun, etc.; 6. *Beginnings of Christian Art*, classic sources and types; Religious Art; early Christian Painting and Iconography; early Christian Architecture—Lindsay, Fergusson, etc.; 7. *Byzantine Art*, Oriental, Christian, and Saracenic forms—Fergusson, Ruskin, etc.; 8. *Medieval Art*, Romanesque and Lombardic; Tuscan, Southern and Northern Gothic—Viollet-Le-Duc, Ruskin, Fergusson, etc.; 9. *The Renaissance;* rise of the Florentine School, and the Schools of Sienna, Umbria, Lombardy, Rome, and Venice—Vasari, Lanzi, Kugler, Ruskin, Crowe and Cavalcaselle, Symonds, etc.; 10. *Modern Art*—Schools of Spain;

Holland, Germany, France, and England; the Pre-Raphaelite, Romantic, and Impressionist movements; Art in America. The lectures are illustrated by means of the hydro-oxygen lantern.

IN THE PRINCIPLES AND MEANS OF ART, a course of lectures is provided, fully illustrated, embracing the subjects of Line, Chiaroscuro, Color, Composition, and Expression,—following the path of the artist in his work. A course of lectures discussing the technical methods of the Painter, the Sculptor, the Architect, and the Engraver, including an historic account of the technical development of these arts, is also provided.

The regular prescribed course of study, for professional students, covers a period of three years, but pupils are encouraged to remain in the School and pursue advanced studies after the expiration of the prescribed term. The fees are at the rate of ten dollars per month, with an annual fee of five dollars. No pupil is received for a term of less than three months. The tuition fee for a fourth year's attendance is one-half the usual rate; pupils remaining for a longer period are classed as "honorary students;" as such they are exempt from the payment of a tuition fee, but are charged an annual fee of fifteen dollars. The School is open to both sexes; no pupil is received under fifteen years of age. All applications for admission should be made through the Director. The School opens on the 1st of October, and the closing exercises are held on the 1st of June. At the end of the School-year an exhibition of the work of the various classes of pupils is held, continuing open through the summer months.

AN ELECTIVE COURSE is provided for the Junior and Senior Classes in the Academical Department, as set forth above, on page 94. Also, a special course in FREE-HAND DRAWING is arranged to meet the requirements of students in the Sheffield Scientific School, extending through the first term of the College year.

Members of the Undergraduate Departments of the University may enter the Art School, and enjoy all its privileges as "Special Students," on the payment, in advance, of an annual fee of twenty-five dollars.

CERTIFICATES are awarded to pupils remaining in the School through the regular course of three years; and the Degree of BACHELOR OF FINE ARTS is conferred by the University upon those students who have fulfilled the requirements of a prescribed course of advanced studies in the several departments of instruction, and have submitted an approved original composition in painting or sculpture and a satisfactory thesis on some topic relating to the Fine Arts.

Students from other Art Schools, who have passed through the requisite elementary course in art, may enter this advanced course, ending in the conferring of the above degree, on passing the requisite examinations.

THE WILLIAM WIRT WINCHESTER FELLOWSHIP PRIZE OF $1,500, being the income for two years of a foundation of fifteen thousand dollars, is awarded in alternate years—for the next time on June 1, 1899. Competing students must have been pupils of the Yale School of the Fine Arts for at least two years before entering a preliminary *concours* to be held two months before the final competition: the preliminary *concours* to consist in making a satisfactory full-length drawing from the nude model. This Fellowship is intended to enable the successful competitor to pass two years in study abroad.

THE ALICE KIMBALL ENGLISH PRIZE, the income from a foundation of one thousand dollars, is awarded annually to one pupil taking the regular course of study in the professional department of the school, under such conditions as the Faculty may prescribe.

THE ETHEL CHILDE WALKER PRIZE, the income from a foundation of two hundred dollars, is also awarded annually, under certain restrictions, to the most deserving pupil in the professional department.

THE ART LIBRARY, containing a collection of technical hand-books, current art-periodicals, and portfolios of etchings and engravings, is open, during specified hours, for the use of students. The pupils of the School are entitled to the use of the University Library, and to such other privileges, under the usual restrictions, as are granted to students in the other Departments.

THE COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty-two paintings dating from the 11th to the 17th centuries; the "Trumbull Gallery" of historical portraits and other works, numbering fifty-four pictures; a collection of Belgian wood-carvings, of the 16th century, comprising about one hundred and twenty feet of wainscoting and three confessionals, from a chapel in Ghent; a collection of contemporaneous art, numbering about fifty paintings; a small collection of original sketches by old masters; a collection of about one hundred and fifty casts and marbles, representative of the various periods of Greek and Renaissance Art; a valuable collection of Chinese porcelains and bronzes, loaned by Mr. Frederick Wells Williams; and a collection of Braun autotypes, and other reproductions, numbering about two hundred.

The Collections of the School are open daily, without charge, from 1 to 5 P. M., during term-time; also, during the summer vacation from 9 A. M. to 6 P. M., when a fee of twenty-five cents is charged. This fee is also charged when special loan exhibitions are organized, in order to meet incidental expenses.

The Art Building was erected in 1864, by Mr. Augustus R. Street (Yale College 1812), of New Haven, at a cost of about $220,000. The School was partially endowed, to the extent of $75,000, by Mrs. Street, who also made other gifts in aid of its object.

DEPARTMENT OF MUSIC

FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
HORATIO W. PARKER, M.A., *Professor of the Theory of Music*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*

HARRY B. JEPSON, B.A., MUS.B., *Instructor in Organ-Playing*
ISIDOR TROOSTWYK, *Instructor in Violin-Playing*

The Department of Music aims to provide adequate instruction for those who intend to become musicians by profession, either as teachers or as composers, and to afford a course of study to such as intend to devote themselves to musical criticism and the literature of music.

In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

The work in the Department is divided into theoretical and practical courses of study. The Department is open to undergraduates and graduates, also to special students. Admission is granted without distinction of sex. The theoretical studies consist of the courses mentioned below from 1 to 6 inclusive. The practical courses consist of instruction in Piano-, Organ-, and Violin-playing. No student will be admitted to any practical course unless he shall already have been admitted to one or more of the theoretical courses.

The theoretical courses are subdivided into elementary and advanced. Courses 1, 2, and 3 are considered elementary. At the close of the academic year, students who have completed course 2 may become candidates for a *Certificate of Proficiency in the Theory of Music* by passing

an examination—conducted partly in writing and partly *viva voce*—in four-part harmony and counterpoint, in the history of music, and in the structure of song and sonata forms. An unprepared analysis of classical works will be required in addition. Academic students on the completion of the same course and passing the same examination with distinction, will receive one-year honors in Music (see p. 118).

The advanced courses are numbers 4, 5, and 6. They are open only to students who are able to pass the examination required preliminary to the granting of the Certificate of Proficiency in Theory mentioned above. Members of these classes at the end of two years' work, or its equivalent, may become candidates for the degree of *Bachelor of Music*. The candidate will be required to pass an examination before a Board of Examiners, consisting of the Faculty of the Department of Music. Satisfactory proof of proficiency in the theory of music and in any two of the following languages (one of which must be a modern language), Greek, Latin, French, German, Italian, shall be given to the Professor of the Theory of Music, prior to the examination; also, an original composition in one of the forms to be designated by him. The examination will be in advanced Counterpoint, Canon, Fugue, the higher forms of Musical Composition, and impromptu Orchestration. Academic undergraduates, on passing this examination with distinction, will receive two-year honors in Music (see p. 118).

The fees for instruction are from fifty to two hundred dollars per year. The fee for the theoretical courses only is fifty dollars per year. These fees may be remitted in whole or in part when the student needs the relief and shows natural talent in such degree as to warrant it in the opinion of the Faculty. A special fee will be charged for instruction in Violin-playing. The fee for Certificate of Proficiency in the Theory of Music is five dollars. The fee for a degree is ten dollars.

1 *Harmony.* Tuesday and Thursday, 4 P. M.

The study of chords, their construction, relations, and progressions.

This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* is used as text-book.

2 *Counterpoint.* Tuesday and Thursday, 3 P. M.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition.

No text-book is used.

3 *The History of Music.* Wednesday, 5 P. M.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form are given in the class-room.

4 *Strict Composition.* Tuesday and Thursday, 2 P. M.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four and three-part Fugues for voices or for

instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 6.

No text-book is used.

5 *Instrumentation.* Wednesday and Friday, 3 P. M.

This course is open only to students who have done the work of courses 1 and 2, and it is strongly recommended that course 4 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, and in playing at sight from orchestral score.

6 *Free Composition.* Wednesday and Friday, 2 P. M.

This course is open only to students who have done the work of courses 1, 2, 4, and 5, and have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

PRACTICAL MUSIC

The courses in practical music consist of instruction in playing the Pianoforte, the Organ, and the Violin.

No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.

I. PIANOFORTE—No student is admitted to a course in playing the pianoforte who has not already attained some proficiency in the use of the instrument and in sight-reading.

Each student is required to master the elements of a good touch and technique before undertaking the study of extended musical works.

Each student receives individual instruction, under the supervision of the Professor of Applied Music. Professor Sanford, in person, will instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert playing.

II. ORGAN—No student is admitted to the courses in playing the organ until he has acquired a satisfactory knowledge of pianoforte technique.

The work includes careful study of organ technique, and of works by representative classic and modern composers in Sonata form and in Polyphonic and Free styles, graded according to the needs of the individual student. Especial attention is given to the mechanical attributes of the instrument,—the pitch, quality, and possible combinations of the various registers, also to transposition and to playing from vocal-score.

III. VIOLIN—Students in violin-playing are received in all stages of proficiency, but the number of beginners is limited.

DIPLOMAS are awarded to those students who, having successfully completed a three-years' course of instrumental study, are qualified to act as teachers or to appear as soloists.

The fees for instruction in instrumental music are as follows:

For Piano (for University students, graduate or undergraduate),	$50.00	for the college year.
For Piano (for other persons),	100.00	" " "
For Organ,	50.00	" " "
For Violin (class of two),	100.00	" " "
For Violin (for individual lessons),	150.00	" " "

STEINERT PRIZES—By the liberality of Mr. Morris Steinert, of New Haven, two scholarships of $100 each, and one of $150, have been offered for three years successively, beginning in 1896.

The students who receive these scholarships are selected according to their promise and need by the Faculty of the Department of Music, with the assistance of the donor, before the beginning of the Fall term. The stipends are intended to defray the charges for one student each in the branches of Piano-, Organ-, and Violin-playing, but the money may be differently divided at the discretion of the Faculty.

THE NEW HAVEN SYMPHONY ORCHESTRA, under the direction of the Professor of the Theory of Music, gives a series of concerts during the winter, to which students in any Departments of the University are admitted for a small fee. This organization is a complete and well-equipped orchestra of about fifty players, and is a valuable adjunct to the Department of Music.

Students of orchestration are afforded an opportunity to hear their work actually performed, and any composition which is original and of sufficient merit may be performed publicly.

The same orchestra affords an opportunity to acquire orchestral routine to those students of the violin who are able to pass the examination for admission to the orchestra.

The most advanced students of piano-playing as well as violin-playing are allowed to rehearse with the orchestra, and to perform publicly, if fitted to do so in the judgment of the Faculty of the Department.

COURSES FOR TEACHERS

With the desire of being serviceable to the teachers of public and private schools, a series of courses in various subjects of study has been arranged to extend through the Academic year 1897–98.

These courses are open to teachers who are either graduates of colleges, or are qualified by reason of their previous studies to pursue successfully the subjects of their choice.

Teachers who take these courses are not regarded as candidates for a degree.

A course consists of Ten Exercises, given on Saturday mornings—in either the Fall or the Winter Term.

In connection with the several subjects of study, lines of reading are marked out to supplement the class-room exercises, and, whenever it is possible, the subject is illustrated by charts or models, or by laboratory experiments, while hints and suggestions are freely given as to methods of study and of teaching.

The University Library is open to those who hold tickets to these Courses. The exhibition-rooms of the Peabody Museum, and the collections of the Art School, are also open. The lectures of Professor Hoppin on the *History of Art*, held on Tuesdays at 4 P. M. in the Art School building from January to June, are also open to holders of tickets to these courses.

Tickets covering a single course of ten exercises in either term cost ($8) eight dollars, payable in advance;

tickets covering two courses (not necessarily in the same department of study), one in the Fall and the other in the Winter term, cost ($12) twelve dollars, payable in advance. No course is given unless it is taken by at least fifteen persons.

The following courses are given this year:

PSYCHOLOGY AND PEDAGOGY

Professor GEORGE T. LADD:—

The Elementary Principles of Psychology. Fall term.

A general introduction to the study of Psychology as applied to mental development.

Professors G. M. DUNCAN and E. H. SNEATH:—

Educational Theory. Winter term.

Lectures I–V: The Subject to be educated, psychologically considered.

Lectures VI–X: A discussion of representative systems in the History of Pedagogy.

POLITICAL AND SOCIAL SCIENCE

Professor WILLIAM G. SUMNER:—

Science of Society. Fall term.

Tylor's *Anthropology* will be read in set lessons. The exercises will consist of discussions of the topics in the lessons as contributions to the Science of Society. Beyond this, Spencer's *Study of Sociology* will be optionally included.

No special preparation is necessary to undertake the course.

Professor ARTHUR T. HADLEY:—

Political Economy. Winter term.

Hadley's *Economics: an Account of the Relations between Private Property and Public Welfare*, will be read in set lessons. The topics which it treats will be discussed in the classroom with special reference to the problem of methods of teaching.

HISTORY

Professor EDWARD G. BOURNE :—

American History. Fall term.

A practical course in the use of historical sources as a basis of study and for purposes of illustration. The work will be based on such extracts as are contained in the *Old South Leaflets* or Channing and Hart's *American History Leaflets*. The work will be purely practical and will be designed to train students in using original sources in their own study and for the purposes of illustrating class work. This course is primarily for teachers of history or for teachers who have a good general knowledge of American History.

Professor ARTHUR M. WHEELER :—

European History. Winter term.

Ten lectures on the History of Europe since 1848.

ENGLISH

Professor HENRY A. BEERS :—

The English Romantic Movement. Fall term.

1. Classic and Romantic.
2. The Augustans.
3. The Spenserians.
4. The Landscape School.
5. Percy and the Ballads.
6. Walpole and the Gothic Revival.
7. Ossian.
8. Chatterton.
9. Scott.
10. Coleridge.

Professor ALBERT S. COOK :—

Chaucer. Winter term.

The most of the *Canterbury Tales* will be read in Skeat's one-volume edition, and, if time will permit, other poems. Pronunciation and rhythm. Some consideration of the man, his times, and his relation to later English literature. Readings in such books as Lounsbury's *Studies in Chaucer*, Jusserand's *Literary History of the English People*, tenBrink's *English Literature*, etc. The exercises will consist, not of formal lectures, but of reports and discussions, requiring previous careful perusal of the works assigned.

BIBLICAL LITERATURE

Professor FRANK K. SANDERS:—

The Old Testament as Literature. Fall term.

The consideration of the contents of the Old Testament as an historical literature. The class will be required to do a reasonable amount of critical reading, mainly in the Old Testament itself, with the expectation of reporting and discussing results. The purpose of the course will be to impart (1) a general knowledge of the books of the Old Testament, grouped in accordance with their literary affiliations; (2) a grasp of the historical development of the Old Testament and of its rank and classification as a world-literature; (3) a determination of the criteria by which it may rightly be estimated; (4) the careful study of at least one book from each literary group in the light of these criteria.

PHYSICS

Professors ARTHUR W. WRIGHT and CHAS. S. HASTINGS:—

Physics. Fall term.

Ten lectures under the direction of Professors Wright and Hastings, giving a general discussion of the history of Physical Science and the fundamental ideas of Physical Methods in special topics, such as Sound, Light, Electricity, and Magnetism.

BOTANY

Dr. ALEXANDER W. EVANS:—

Botany. Fall term.

An elementary course in the botany of flowering plants. Informal lectures with illustrative experiments and demonstrations.

BIOLOGY

Professor RUSSELL H. CHITTENDEN:—

The Chemistry and Physiology of Nutrition. Winter term.

A course of ten lectures, illustrated by experiments, on the chemical and physiological processes of nutrition. For a proper understanding of this course some little knowledge of elementary chemistry and physics will be necessary.

ASTRONOMY

Professor WILLIAM BEEBE:—

Astronomy. Winter term.

A course of ten lectures intended to serve as an introduction to individual reading in Descriptive Astronomy and the study of the heavens with or without a telescope. Illustrative apparatus will be freely used.

DEPARTMENT OF THEOLOGY
(YALE DIVINITY SCHOOL)

FACULTY AND INSTRUCTORS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

REV. GEORGE E. DAY, D.D., *Professor of the Hebrew Language and Literature, Emeritus*

REV. SAMUEL HARRIS, D.D., LL.D., *Professor of Systematic Theology, Emeritus*

REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History, and Dean*

REV. LEWIS O. BRASTOW, D.D., *Professor of Homiletics and the Pastoral Charge*

REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of the Hebrew Language and Literature*

REV. GEORGE B. STEVENS, PH.D., D.D., *Professor of Systematic Theology*

REV. WILLIAM F. BLACKMAN, B.D., PH.D., *Professor of Christian Ethics*

REV. FRANK C. PORTER, PH.D., D.D., *Professor of Biblical Theology*

REV. BENJAMIN W. BACON, D.D., LITT.D., *Professor of New Testament Criticism and Interpretation.*

SAMUEL S. CURRY, B.D., PH.D., *Instructor in Elocution*

SPECIAL LECTURERS

PRESIDENT WILLIAM J. TUCKER, D.D., LL.D., of Dartmouth College, *Lyman Beecher Lecturer* (Subject to be announced)

PROFESSOR JOHN BASCOM, D.D., LL.D., of Williams College, *On the Recast of Faith*

REV. CHARLES C. TIFFANY, D.D., Archdeacon of New York (Subject to be announced)

REV. GEORGE W. KNOX, D.D., of Rye, N. Y., *On the Influence of Eastern Thought upon Western Theology*

PROFESSOR CHARLES E. GARMAN, D.D., of Amherst College (Subject to be announced)

TERM OF STUDY

The present annual term of study, which began on Thursday, September 30, 1897, will continue until the third Wednesday in May, 1898, when the Anniversary and the Annual Meeting of the Theological Alumni are held.

Blank forms of application for admission may be obtained by addressing the Secretary, Professor George B. Stevens, New Haven, Conn. It is expected that every student will be present promptly at the beginning of the session. Rooms are assigned by lot on the day before that on which the term opens.

CONDITIONS OF ADMISSION

The Seminary is open, on equal terms, to students of every Christian denomination. The conditions of admission are membership in some evangelical Church, or other satisfactory evidence of Christian character, and a liberal education at some College or University, or, in exceptional cases, an equivalent preparation for theological studies.

The following rules determine the admission of students to candidacy for the degree of Bachelor of Divinity:

1. Bachelors of Arts (whose course of study has included Greek) are admitted without examination as candidates for the degree of B.D.

2. Graduates holding other literary degrees than that of B.A.—such as B.S., B.L., and PH.B.—are required to pass an examination in Greek before being admitted as candidates for the degree of B.D.

3. Other applicants for admission, whose acquirements, in the judgment of the Faculty, qualify them to pursue the course with profit, may be admitted to membership in the Institution without becoming at the outset candidates for the degree of B.D.

4. Such non-graduates as show superior scholarship in the actual work of the course may, at any time, by vote of the Faculty, become candidates for the degree of B.D.

5. Students from other Seminaries will be received to advanced standing upon the same terms as applicants for admission at the beginning of the course.

6. Students, not candidates for the degree of B.D., who shall complete the regular course satisfactorily, will receive from the Faculty a certificate testifying to this fact.

Some knowledge of the Hebrew language on the part of those entering the Junior class is desirable.

COURSE OF STUDY

THE COURSE OF INSTRUCTION occupies three years, and is arranged in the following order:

REQUIRED STUDIES IN JUNIOR YEAR

Professor CURTIS will give instruction five times a week in the grammatical principles of the Hebrew language in connection with the first eight chapters of Genesis, with the use of Harper's *Introductory Hebrew Method* as a text-book. In addition to this preliminary work, the class will read critically the remainder of Genesis and Exodus i–xxiii with the study of Hebrew Syntax and with the use of Gesenius's *Hebrew Grammar*. Exercises will also be given in reading at sight. Under the former will be treated the origin and growth of the O. T. Canon and a description of the ancient versions of the Old Testament; under the latter particular attention will be paid to the history, theories, and results of Hexateuchal criticism. A course for the entire class will be given, once a week, in Old Testament Introduction, both General and Special.

Professor BACON will give instruction four times a week in the Greek New Testament. The studies of the year will be divided as follows: (*a*) Prolegomena to the New Testament, including the history and peculiarities of Hellenistic Greek, formation of the New Testament Canon, preservation of the text in manuscripts, and their use in textual criticism: one lecture a week during the first half of the year. (*b*) The principles of Grammatico-historical Exegesis in practical application, three hours a week. During the first half of the year the Pauline Epistles will be thus studied on the basis of Galatians and Ephesians; in the second half the same principles of Exegesis will be applied in the study of the Synoptic Gospels on the basis of Mark. Essays on connected themes will be prepared by the students and discussed in the presence of the class during the second half-year.

Professor STEVENS will lecture twice a week during the first half of the year on the Philosophy of Religion. The course will be mainly historical and critical and will include a survey of the literature of the subject. For the optional course in Apologetics during the second half-year, see page 277.

Professor BRASTOW will meet the class twice a week during the second half of the year. He will give a course of introductory lectures on Practical Theology, including its proper scope, its relation to other

branches of Theology, the Christian conception of the Church, its final purpose as related to the Kingdom of God, its organization, the marks of its visibility, the ministerial calling, and unification of ministerial functions in the Christian pastorate. He will also lecture on and conduct critical exercises in the use of the Topic in preaching, making Claude's *Essay upon the Composition of a Sermon* a partial basis for the work.

Dr. CURRY will begin with this class a thorough course of instruction in Vocal and Elocutionary Training, which is progressive in its character and extends through the three years of study. The work is so arranged that each student receives, at least once a week, criticism upon some form of expression and personal suggestions as to daily practice. A course of lessons is given in Vocal Culture, proper action of the mind in reading and speaking, the principles of Vocal Expression and oratorical action.

REQUIRED STUDIES IN MIDDLE YEAR

Professor FISHER will give instruction three times a week in General Church History, embracing especially the branches of the subject which are not included under the History of Doctrine. They comprise the following topics: the Nature, Divisions, and Sources of Church History, with a review of the Literature of the subject; the Old or Preparatory Dispensation in its relation to Christianity; the condition of the Graeco-Roman World at the Introduction of the Gospel; the Establishment of Christianity, and the Conflicts of the Apostolic Age; the spread of Christianity, including especially the Conversion of the Roman Empire and of the Teutonic Nations; the Changes in Ecclesiastical polity in the Early Centuries; the Organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to Civil Society in the Middle Ages; the Protestant Reformation, with its Causes and the Systems of Polity adopted by the different Protestant Churches; Christian Life, and its Characteristic Features in the Successive Eras (including the Rise and subsequent History of Monasticism); the History of Christian Worship.

Professor STEVENS will lecture three times a week on Systematic Theology. The course will include the investigation and discussion of such topics as the Nature and Method of Theology, the Doctrine of Sacred Scripture, the Christian Idea of God and of Man, the Nature and Consequences of Sin, the Person of Christ, the Work of the Holy Spirit, the Trinity, the Atonement, the Christian Life, the Church, and the Consummation of the Kingdom of God. Special attention will be paid to current discussions and controversies in

theology and to the most recent literature on the various topics which are studied.

Professor CURTIS will read with the class twice a week selections from the Poetical and Prophetical Books of the Old Testament. Special attention will be paid to exegesis. Original work of this character will be required of the students. After Jan. 1st two courses are open to the class, one in the Hebrew, and one in the English text.

Professor PORTER will lecture twice a week on the Biblical Theology of the Old Testament. The aim will be to present a general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings and in the historical course of their development. Special attention will be given to the religious faith and work of the Prophets, to the significance of the Exile, and to the character of post-exilic Judaism, including its last pre-Christian stages.

Professor BACON will lecture twice a week on New Testament Introduction, with illustrative readings in the class. In the first half-year the Epistles of Paul and the Synoptic Gospels will be discussed in connection with Acts, and similar study bestowed upon the Catholic Epistles and Johannine Literature in the second half-year, the object being to exhibit the literature of the New Testament as the expression of Christianity defining itself first over against Judaistic, afterwards over against Hellenistic thought.

Dr. CURRY will give an advanced course in Vocal Exercises, including practice in the rhythm and melody of speech, in Scripture and hymn reading, and in preaching and various forms of speaking.

REQUIRED STUDIES IN SENIOR YEAR

Professor BRASTOW will give instruction five times a week, by lectures and critical exercises, in different branches of Practical Theology, as follows: he will lecture three times a week during the first term of the year on Homiletics, and once a week will meet the class in divisions for homiletic criticism. He will also, in connection with the teacher of elocution, conduct a class exercise once a week throughout the year, in the criticism of sermons. It is proposed to make these practical exercises a prominent feature in the course. He will, also, give private instruction, at least once during the year, to each member of the class in connection with the criticism of sermons, and will give personal aid in the study of Homiletical and General Literature. He will lecture three times a week during the last term of the year, upon Catechetics, Liturgics, Church Government, the missionary work of the Church the relation of the Church to the family, the

relation of the Church to the State, and the work of the Church as related to the different branches and methods of education and to problems of moral reform. He will also conduct class discussions of questions of practical interest relating to the work of the church once a week during the entire year.

Professor FISHER will give instruction three times a week, through the year, in the History of Christian Doctrine and in Symbolical Theology. The course includes an explanation of the Origin of Theology as a Science, and a Discussion of True and False Theories of the Development of Doctrine; a Survey of the Influence of Philosophy on Theology in the successive Eras; a Review of Authors in the field of Theological Literature; a History of Theological Thought in the Church in relation to the several Doctrines of the Christian system, down to the present time; an account of the Comparative Tenets of the different religious bodies into which Christendom is divided.

Professor BLACKMAN will lecture twice a week as follows: the first third of the year on Christian Ethics as related to Religion, to Christian Theology, and to Philosophical Ethics; the second third of the year, on Sociology as related to Christian Ethics; and the last third of the year on some important problems of American life, such as Socialism, Communism, and Anarchism, Races in the United States, Immigration, the Modern City, the Wage-System, the Relations of Employer and Employed, Social Classes, the Causes, Prevention, and Punishment of Crime, and University Settlements. These lectures will be supplemented by special reports and book-reviews by the students.

Professor PORTER will lecture three times a week on the Biblical Theology of the New Testament. The teaching of Jesus will be examined on the basis of a critical study of the sources, the attempt being to set it forth as a whole, in its individuality, and to ascertain its historical significance in relation to past and contemporary Jewish thought and to the founding of Christianity. The Theology of the Apostolic Age will then be studied in its fundamental unity and its historical progress, special attention being given to the sources, character, and influence of the thought of Paul.

Dr. CURRY will give instruction both in class and in private. Arrangements are made for training and practice to meet the special needs of each individual in his preparation for the duties of the preacher's office.

The choice of subject for the thesis required for graduation (see p. 285) must be made and reported to the Faculty not later than October 15, and the thesis itself must be presented not later than February 1.

OPTIONAL COURSES

The purpose of these courses is to encourage scholarly investigation in special lines, and to train students in methods of independent study. The work will be mainly conducted after the "seminary" method of original research, and the exercises will consist largely in the reading of dissertations, and in discussions by the members of the class under the direction of the instructor.

The following courses are offered for the year 1897–98:

Professor BRASTOW will meet members of the Middle class twice a week during the first half of the year to discuss the following topics in Homiletics: the value and methods of homiletic study, the Christian conception of preaching, preaching gifts, the influence of the age on preaching, the general characteristics of modern preaching, with critical investigation of some of the more prominent modern preachers. It is the desire of the instructor that as many of the class choose this course as may find it consistent with their other work.

Professor CURTIS will give instruction once a week in the Wisdom-Literature of the Old Testament.

He will also conduct, once a week, an exercise in Old Testament Textual Criticism.

Professor STEVENS will conduct a course twice a week for the second half-year, for members of the Junior class, in Apologetics. A prominent part of the study will consist in readings and reviews of the most recent literature of the subject.

Professor BLACKMAN will conduct an exercise once a week in the Historical Study of the Family, or in the study of the Social and Political Significance of the Lawgivers and Prophets of the Old Testament.

Professor PORTER will conduct an exercise once a week in the study of the Hellenistic Jewish Literature and Theology. The course will consist of readings from the early Hellenistic literature and from Philo, with special reference to the relation of Hellenistic to Palestinian Judaism and its influence upon early Christian thought.

GRADUATE (OR FOURTH YEAR) CLASS

Into this class only those who have completed a course of three years in this or some other Theological School are admitted. It is designed to meet the wants of those

who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology for one year or more, under the advice and direction of the Professors and with the helps furnished by the Reference and University libraries. Candidates for membership in this class are admitted by vote of the Faculty.

From the connection of the Divinity School with the other Departments of the University, special advantages for the prosecution of linguistic and other studies are open to students preparing for service as foreign missionaries.

The following subjects are announced for the coming year, but in some cases others may be substituted for them, after consultation with the class:

I. Professor FISHER: Discussions of the Person of Christ in recent German Theology.

II. Professor BRASTOW: A Study of the Epoch-making Preachers of the Church.

III. Professor CURTIS: Special Studies in Old Testament Criticism and Exegesis.

IV. Professor STEVENS: Studies in the Theology of the Apostles, pursued on the basis of Beyschlag's *New Testament Theology*, and with special reference to the most recent literature of the subject.

V. Professor BLACKMAN: The Ethical Teaching of the New Testament compared with that of the Hebrew Scriptures and of Greek and Roman philosophy.

VI. Professor PORTER: An historical study of special problems in the Jewish History and Theology of New Testament Times, such as the Origin of Pharisaism, Foreign Elements and Influences in Palestine, Ethical Teachings of the Rabbis, Doctrines of Sacred Scripture and of the Life after Death.

VII. Professor BACON: The Discourses and Parables of Jesus studied in the light of the teachings of the Jewish Synagogue.

Members of the Graduate Class are required, in all ordinary cases, to take at least three of these courses and are expected to continue their studies at the Seminary during the entire year. They are furnished with rooms free of rent, and no charge is made for instruction or for the use of libraries.

UNIVERSITY COURSES

Students of the Divinity School are admitted to the Undergraduate and Graduate Courses of Instruction in the University, and are permitted to attend them, with the consent of the instructor in each case, on conditions prescribed by the Theological Faculty. A full list of these courses for the current year will be found on earlier pages of this catalogue.

PUBLIC LECTURES, ETC.

Various courses of public lectures are open to all members of the University, and furnish opportunity for students to hear many of the distinguished writers and speakers of the country. Such are THE DWIGHT HALL COURSE, THE PHI BETA KAPPA COURSE, THE KENT CLUB COURSE, THE ART COURSE.

The lectures of the SHEFFIELD COURSE, in the Scientific School, the UNIVERSITY CHAMBER CONCERTS, and the UNIVERSITY SYMPHONY CONCERTS are open to students at a slight charge for admission.

AMERICAN LECTURES ON THE HISTORY OF RELIGIONS

The University is now a member of the Association of various institutions for the establishment of popular courses, of six or eight lectures each, in the History of Religions, somewhat after the style of the Hibbert lectures in England, to be delivered annually in various cities by the best scholars of Europe and this country. The first course, in 1895-96, was by Professor T. W. Rhys Davids, LL.D., Ph.D., of London, on the History and Literature of Buddhism. The second course, given during the past year, was by Professor D. G. Brinton, LL.D., of the University of Pennsylvania, on the Religions of Primitive Peoples. The course for 1897-98 is by Professor T. K. Cheyne, D.D., of Oxford, on Jewish Religious Life after the Exile.

In 1898-99 Professor Karl Budde, of Strasburg, will lecture on the Religious Thought and Life of Ancient Israel.

These courses are open to all members of the University at a nominal charge.

CLUBS

Various voluntary associations of instructors and students exist in the University, whose meetings for the reading and discussion of papers are open to all students. Membership in these clubs is open to those who are qualified. Of especial interest to divinity students are the SEMITIC and BIBLICAL CLUBS, the COMPARATIVE RELIGION CLUB, and the PHILOSOPHICAL CLUB.

THE SEMITIC CLUB and THE BIBLICAL CLUB are composed of instructors and students in the Divinity school and in the Department of Biblical Literature in the University. These clubs pursue courses of study in the field of Biblical History and Criticism.

EXERCISES IN PUBLIC SPEAKING

A rhetorical exercise for all the classes is held every week, in MARQUAND CHAPEL, in the presence of the Faculty, and under the direction of the Professor of Homiletics. Once in two weeks an address is delivered, followed by criticism and discussion. Each alternate week there is an exercise, designed for the cultivation of the power of the students in extemporaneous speaking, as well as for the discussion of subjects of practical importance.

LEONARD BACON DEBATING CLUB

This club is designed to promote interest in important public questions and the effective discussion of them. All members of the Divinity School who are interested in public debate are eligible to membership. The club meets once a week; every alternate week the debate is held in Marquand Chapel and is public. Occasionally public addresses are given before the club by prominent men on subjects germane to its object.

SACRED MUSIC AND LITURGICS

"The Society of Sacred Music and Liturgics" has for its purpose to stimulate an interest in church music and to develop and cultivate the musical talent of the students. To this end it will aim to secure instruction in the theory and practice of church music. It has also organized a Liturgical Club for study and practice in the construction of forms of public service.

The courses of instruction in the Department of Music in the University are open to Divinity students on the conditions stated in this Catalogue, pp. 260–64.

PUBLIC WORSHIP

There is daily morning worship in MARQUAND CHAPEL. Students attend worship on the Lord's day in the College Chapel, or in any of the City Churches.

Prayer meetings of the different classes and a general prayer meeting of the Seminary are held on alternate weeks in the lecture-rooms.

LIBRARIES

The *University Library*, containing 235,000 volumes in the various departments of literature and science and many thousands of unbound pamphlets, is especially rich in its theological part, and stands in this respect among the first libraries in the country. It is open eight hours every secular day for consultation and for the drawing of books. Its Reading Room, containing books of reference and periodicals, is open throughout the day and evening. The important theological periodicals and reviews, American and foreign, are to be found in this room. The *Linonian and Brothers Library* contains about 20,000 volumes in general literature. To these libraries the Divinity students in common with the other members of the University have access.

For a fuller notice of the advantages of this character, see the account of the Library on a later page.

The *Reference Library* of the Divinity School, established by the late Henry Trowbridge, Esq., of New Haven, and placed in Bacon Memorial Hall, is open for consultation throughout the day and evening. It contains more than 3,000 carefully selected volumes, in every department of theological literature, and additions are constantly made. It is designed to take the place, for each student, of a large and well-selected private library.

The valuable *Library of Church Music* belonging to the late Dr. Lowell Mason, was given to the Seminary by his family. This library, which is one of the largest of its kind in the country, is placed in West Divinity Hall.

The *Library of Foreign Missions*, recently established, containing more than five thousand volumes, of which a recent catalogue has been issued, is designed to embrace a full History of Modern Missions as carried on by all denominations and in all countries. Additions are constantly made to it and more than fifty of the leading American, English, and Continental missionary periodicals are regularly received.

PHYSICAL EXERCISE

The University Gymnasium, which is complete in all its appointments, is open to the students of this Department at a small charge. The facilities offered in this connection are described on pp. 120–22.

DIVINITY HALLS

The East Divinity Hall, in addition to the Lecture-Rooms for the several classes, rooms for the Professors, and the Historical Library of Foreign Missions, contains accommodations for about sixty students. The West Divinity Hall has, in addition to the room which contains the Lowell Mason Library and is also used as a social parlor, accommodations for ninety students. The rooms in these buildings are warmed by steam, and lighted by gas, and are provided with all necessary furniture, except bed-clothes, which may be brought by the occupants, or will be furnished at a moderate charge by the Janitor. The rooms, to which bedrooms are attached, are, in most cases, designed for one occupant, but several of them will accommodate two. The Janitor in charge of the building is Mr. Ernest F. Hill, who may be addressed at East Divinity Hall.

PRACTICAL CHRISTIAN WORK

In connection with the New Haven City Mission, and the missions and Sunday schools of the numerous churches of the city, there is abundant opportunity for the students to engage in practical Christian work, and they are recommended to undertake such work as far as may be consistent with the prosecution of their studies. A committee of students, of which one of the Professors is chairman, has this matter in charge and undertakes to ascertain the need of such aid in the different missions and Sunday schools, as well as in hospital and jail work, and to assign to each student that form of work which he desires. In some cases students receive pecuniary compensation for such service. During the past year more than nine-tenths

of the students have been regularly engaged in work of this character, or in preaching.

By invitation of the Faculty and students, occasional lectures of an informal character, relating to the practical duties of the ministry and to different forms of philanthropic effort, are given by clergymen and others who are specially well fitted to deal with these topics.

MISSIONARY SOCIETIES

A general Missionary Society of the Seminary, composed of Foreign, Home, and City Mission Branches, meets once in two weeks for the discussion of missionary topics. Occasional addresses are given by persons especially engaged in, or familiar with, missionary work. A Foreign Missionary Band, composed of those who contemplate service in the foreign field, holds regular meetings for the investigation and discussion of missionary subjects.

LICENSE TO PREACH

The regular time for applying for licensure is near the close of the second year's study, before which time the members of the Seminary are not allowed to preach, except by special permission of the Faculty.

EXPENSES AND PECUNIARY AID

Students have to make pecuniary provision for only about eight months of study annually. In the four months of vacation, from May to September, they have the opportunity to engage in Home Missionary or other work, with remuneration for their services.

The expenses of each student for the annual session of 34 weeks are $15 for care of room and other incidentals; $25 to $30 for fuel and lights, or one-half of this sum in case two students occupy the same room. No charge is made for instruction or room-rent.

The expense for board will be from $3 to $4 a week, at which prices most of the students have obtained good board during the past year.

Students of the Junior, Middle, and Senior Classes, whose circumstances require it, receive $100 a year from the income of Scholarships and other funds belonging to the School. Additional aid to an amount ranging from $50 to $70 annually is furnished by the Congregational Education Society to students who are members of Congregational churches. These means of assistance cover the expenses mentioned above.

In addition to the aid mentioned above, ten scholarships of $50 each, from the William H. Fogg Scholarship Fund, are offered to members of the Junior Class. Candidates for these scholarships must be, as a rule, college graduates, and must bring evidence of a standing of at least 75 per cent. during their college course. The scholarships, in ordinary cases, will be assigned on the basis of the standing maintained by the members of the class during the year.

After the close of the second year in May, students not infrequently receive remuneration for preaching in places easily accessible.

In general, it may be said that the aid which is provided for every young man, of any evangelical denomination, who gives promise of usefulness in the ministry, is sufficient, in connection with his own efforts, to enable him to complete a course of theological study.

PREMIUMS.

THE DOWNES PRIZES, founded in 1896 by William E. Downes, Esq., of New Haven, will be awarded to the students of the Senior and Middle Classes who shall attain to the highest proficiency in the public reading of the Scriptures and of Hymns. A first prize of fifty dollars and a second prize of forty dollars will be assigned by a committee appointed by the Faculty to the two successful competitors in each of these classes.

GRADUATE FELLOWSHIPS

A GRADUATE FELLOWSHIP was established in 1876, as a memorial of the late Mrs. Aurelia D. Hooker, of New

Haven. It is assigned at graduation to that member of the class to which it is offered who, having been connected with the School during at least two years of the course and being of approved Christian character, has, in the judgment of the Faculty, acquired such proficiency in theological studies as best to qualify him for the advantages offered by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income ($600) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the School, or, in case he may prefer to do so, in Europe or Palestine. The HOOKER FELLOWSHIP was offered to the class which entered the Divinity School in September, 1896, and will be offered to the class which enters in September, 1898.

A SIMILAR GRADUATE FELLOWSHIP yielding $500, which has been established as a memorial of the late Mrs. Susan B. Dwight, of New Haven, and will afford to the student who shall receive it the same privileges for one year after graduation, was offered on the same conditions to the class which entered the School in September, 1897, and will be offered to the class which enters in 1899.

GRADUATE SCHOLARSHIPS

Scholarship aid will, at the discretion of the Faculty, be offered to such members of the Graduating Class of this School, and to such graduates of other theological schools as shall, in the judgment of the Faculty, give promise of special success in advanced theological study.

DEGREE

The Degree of Bachelor of Divinity is conferred by the President and Fellows of the University on all members of the School who, having been admitted by the Faculty as candidates for this degree (see p. 272), satisfactorily complete the prescribed course of study, and present an approved thesis on some topic of theology.

DEPARTMENT OF MEDICINE
(YALE MEDICAL SCHOOL)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

MOSES C. WHITE, M.D., *Professor of Pathology*

CHARLES A. LINDSLEY, M.D., *Professor of the Theory and Practice of Medicine, Emeritus*

WILLIAM H. CARMALT, M.D., *Professor of the Principles and Practice of Surgery*

JAMES CAMPBELL, M.D., *Professor of Obstetrics and the Diseases of Women and Children*

THOMAS H. RUSSELL, M.D., *Professor of Clinical Surgery and Surgical Anatomy*

HERBERT E. SMITH, M.D., *Professor of Chemistry, and Dean of the Medical School*

JOHN S. ELY, M.D., *Professor of the Theory and Practice of Medicine*

OLIVER T. OSBORNE, M.D., *Professor of Materia Medica and Therapeutics*

HARRY B. FERRIS, M.D., *Professor of Anatomy*

GRAHAM LUSK, PH.D., *Professor of Physiology*

LOUIS S. DEFOREST, M.D., *Clinical Professor of Medicine*

HENRY L. SWAIN, M.D., *Clinical Professor of Diseases of the Throat and Ear*

BENJ. AUSTIN CHENEY, M.D., *Assistant Professor of Obstetrics and the Diseases of Women and Children*

CHARLES J. BARTLETT, M.D., *Assistant Professor of Pathology*

OTHER INSTRUCTORS

PROFESSOR WILLIAM H. BREWER, PH.D., *Lecturer on Sanitary Science and Public Health*

HENRY P. STEARNS, M.D., *Lecturer on Insanity*

SAMUEL B. ST. JOHN, M.D., *Lecturer on Ophthalmology*

HENRY FLEISCHNER, M.D., *Lecturer on Dermatology and Clinical Medicine*

ARTHUR N. ALLING, M.D., *Instructor in Ophthalmology*

CHARLES A. TUTTLE, M.D., *Lecturer on Orthopaedic Surgery*

LEONARD W. BACON, JR., M.D., *Instructor in Operative Surgery*

RALPH A. MCDONNELL, M.D., *Instructor in Clinical Dermatology and Materia Medica*

WARREN A. SPALDING, *Demonstrator of Pharmacy*

WILLIAM H. PARKER, B.S., *Instructor in Chemistry*

EDWARD M. MCCABE, M.D., *Clinical Assistant in Ophthalmology*

LOUIS B. BISHOP, M.D., *Assistant in the Medical Clinic*

CHARLES D. PHELPS, M.D., *Assistant in Physical Diagnosis*

ROBERT E. PECK, M.D., *Assistant in the Medical Clinic*

LEONARD C. SANFORD, M.D., *Assistant Demonstrator of Anatomy*

WILLIAM M. KENNA, M.D., *Assistant in the Medical Clinic*

EDWARD S. MOULTON, M.D., *Assistant in Gynecology*

ROBERT O. MOODY, M.D., *Assistant in Pathology*

FREDERICK C. BISHOP, M.D., *Assistant in the Throat and Ear and Medical Clinics*

CHAUNCEY S. LAMB, M.D., *Assistant in the Surgical Clinic*

AMBROSE K. BRENNAN, M.D., *Assistant in Obstetrics and Pediatrics*

FREDERICK W. PIRRITTE, M.B., *Assistant in the Medical Clinic*

ERNST H. ARNOLD, M.D., *Clinical Assistant in Orthopaedic Surgery*

FREDERICK N. SPERRY, M.D., *Assistant in the Throat and Ear Clinic*

WILLIAM F. VERDI, M.D., *Assistant in the Surgical Clinic*

CLIFFORD W. KELLOGG, M.D., *Assistant in Histology and Gynecology*

In the fall of 1810 a charter was granted to the President and Fellows of Yale College and the President and Fellows of the Connecticut Medical Society, authorizing them to unite according to the terms of certain "Articles of Union," before agreed upon, for the establishment of a medical seminary, to be styled the Medical Institution of Yale College. Two years later the School was organized, and in the fall of 1813 instruction was begun. The professors of the Faculty were appointed by the College Corporation from

nominations by the Medical Society. Degrees were conferred by the College on the recommendation of the board of examiners, consisting of the members of the Faculty and an equal number appointed by the Medical Society. The instruction consisted of didactic and clinical lectures and dissections during a short winter course.

That this dual nature of the School and the method of instruction were wisely planned is shown by the position which the School took at once in the medical instruction of the time. As the years passed, changes in the relations between practitioners and students of medicine, and even greater changes in medicine itself, demanded a different kind of instruction, and before 1879 the curriculum and the time of instruction had been much altered, but in this year a stricter entrance examination was imposed, and there was adopted a graded course extending over three years of eight months each, and including considerable laboratory instruction. The period of study has recently been increased again, so that students who entered in 1896 will receive a graded course of instruction extending over four years.

In 1884, by an agreement with the Medical Society, the authorities of the University assumed the entire control of the School. Since this time the development of the School has been rapid, not only in the number of students in attendance, but more especially in the details of the curriculum and in the equipment of the School.

Medical Hall has been entirely remodeled, and there has been erected a new Laboratory Building. New laboratories have been provided for Anatomy, Histology, Pathology, Bacteriology, Pharmacy, Chemistry, and Physiology, and they have been thoroughly equipped for the systematic work required of the students, and in some cases for research and other advanced work. The facilities for clinical instruction have also largely increased with the growth and development of the New Haven Hospital and New Haven Dispensary during this period, and especially by the more thorough organization of the clinical services.

REQUIREMENTS FOR MATRICULATION

Candidates for admission to the First year of the course leading to the degree of Doctor of Medicine must present satisfactory testimonials of moral character from former instructors or physicians in good standing, and must pass the matriculation examinations as given below. But these examinations are not required from candidates who have received degrees in arts or science; nor from those presenting certificates from the proper officer showing that they have successfully prosecuted the subjects of the examinations at some college, high school, academy, or preparatory school, approved by the Faculty as maintaining a satisfactory standard; nor from those who have passed matriculation examinations, equivalent to those required here, at some approved professional school.

THE MATRICULATION EXAMINATIONS

The subjects of these examinations are as follows:

1. ENGLISH: An essay of about two hundred words on some familiar subject to be announced at the time of the examination.
2. LATIN: An amount equal to one year of study as indicated in Harkness's *Easy Latin Method.*
3. MATHEMATICS: The *Metric System* of weights and measures. *Algebra* as far as Quadratics.
4. PHYSICS: Gage's Elements of Physics, or some equivalent work.

These examinations are conducted in writing, and are held at the Medical School at 9 A. M., on the Thursday following Commencement, and on the Wednesday preceding the opening of the first term; also, for those conditioned at the autumn examination only, on the Wednesday preceding the opening of the second term in January.

Candidates may also be examined in June in some thirty other places where examinations are regularly held for admission to other departments of the University, on the Thursday following Commencement. Information concerning the time and place of these examinations may be ascertained by applying to the Dean three weeks in advance. A fee of five dollars is charged for admission to examinations held out of New Haven.

ADMISSION TO ADVANCED STANDING

Students who have studied one year in some other recognized institution may be admitted to the Second-year class, and those who have studied two years may be admitted to the Junior class, but students are not received from other schools into the Senior class. Students applying for advanced standing must have pursued studies reasonably equivalent to those already pursued by the class to which they seek admission, and must pass the examinations of the First, or the First and Second year, as the case may be. These examinations may be taken in June with the class by applying to the Dean at least four weeks before Commencement, or they may be taken at the time of the autumn examinations, just before the beginning of the School year in October. Graduates in Arts, Philosophy, or Science, who have pursued studies in Chemistry, Physiology, Anatomy, and Histology during their undergraduate courses may be admitted to the Second-year class, with certain conditions.

TERMS AND VACATIONS

The annual sessions of the School are divided into three terms, covering thirty-four weeks, exclusive of a vacation of three weeks at Christmas and a recess at Easter of one week.

The first term begins with the first Thursday in October, and continues eleven weeks. The second term begins three weeks after the close of the first, and continues twelve weeks. The third term is eleven weeks in length, ending with Commencement. (See Calendar, p. 6.)

THE CURRICULUM

Beginning with the class which entered in 1896, four years of study will be required before graduation. Classes which entered before that date will pursue the curriculum in force at the time of entry.

The curriculum of this School is so graded as to furnish, as far as possible, a systematic presentation of the various subjects of medical study. Where a subject is pursued two years the course is a progressive one, so that the work of the second year is not a repetition of that of the first.

The system of instructing chiefly by didactic lectures, which is still common in medical schools, is not followed here. Lectures are employed as best in some branches, but recitations from assigned readings in text-books, with explanatory lectures, laboratory work, and personal instruction in the clinics, constitute the main portion of the curriculum.

In the clinics, and especially in those at the Dispensary, a large amount of personal work is required of the students, who as clerks and assistants to the physicians in the various clinics participate in the daily work of the Dispensary under careful supervision.

RESUME OF THE FOUR-YEARS' CURRICULUM

(Subject to Modification)

FIRST-YEAR CLASS:

Chemistry: Recitations and experimental lectures in General, Organic, and Physiological Chemistry, with laboratory work in Analytical and Physiological Chemistry.

Anatomy: Recitations and demonstrations with laboratory work in dissection.

Histology and *Embryology:* Recitations and illustrated lectures with laboratory work.

Physiology: Lectures and demonstrations.

SECOND-YEAR CLASS:

Anatomy: Recitations, demonstrations, and laboratory work in dissections.

Physiology: Lectures and demonstrations.

Materia Medica and *Pharmacy:* Recitations, lectures, and laboratory work.

Pathology: Recitations, demonstrations at autopsies, and laboratory work; with lectures and laboratory work in *Bacteriology.*

Medicine: Lectures.

JUNIOR CLASS:

Pathology: Recitations with laboratory work in Pathological Histology, and demonstrations at autopsies.

Therapeutics: Recitations and lectures.

Obstetrics and Diseases of Women and Children: Recitations and lectures, with demonstrations and practice with the manikin.

Medicine: Recitations and clinics with lectures, demonstrations, and practice in Physical Diagnosis. Laboratory work in Clinical Chemistry.

Surgery: Lectures and clinics with practice in bandaging. Lectures on Topographical and Surgical Anatomy.

SENIOR YEAR:

Therapeutics: Lectures on Electricity and other special topics.

Medicine: Service in the Dispensary clinics. Hospital clinics. Lectures on Insanity, Toxicology, Medical Jurisprudence, Hygiene, and Public Sanitation. Lectures and clinics in Dermatology.

Surgery: Service in the Dispensary clinics. Hospital clinics. Operations on the cadaver. Lectures and clinics on Orthopaedic Surgery, Ophthalmology, and Diseases of Throat and Ear.

Obstetrics and Diseases of Women and Children: Service in the Obstetrical clinics. Lectures and clinics in Gynecology and Diseases of Children.

Pathology: Autopsies.

CHEMISTRY—A course of recitations and illustrated lectures on *General Chemistry* runs through the first year. Much attention is given to the fundamental principles of the science and the relationship between the various classes of compounds. The properties of the elements and their chief compounds are illustrated by experiments and the use of a large collection. *Organic Chemistry* receives special attention, many of the typical compounds being made before the class.

Qualitative Analysis is taught so far as to require the students to be able to analyze a mixture of the salts of the common metals. Each student is furnished with a desk and all required apparatus and reagents. The course is systematic and is well adapted to cultivate habits of observation and the analytical method of thought. In *Quantitative Analysis* each student makes a number of typical determinations by volumetric and gravimetric methods.

The course in *Physiological Chemistry* consists of recitations and a practical laboratory study of many of the proximate principles of the animal body, and the reactions and composition of the various tissues and fluids, particularly the digestive juices and the urine.

In *Clinical Chemistry* there is a laboratory course, dealing particularly with analytical methods of value in clinical and sanitary work. The study of normal urine is then supplemented with abundant practice in the chemical and microscopical examination of pathological specimens.

ANATOMY—The general course is a progressive one covering two years, and so divided that the examinations at the end of the first year are upon Osteology, Syndesmology, and Myology, and those of the second year upon Angeiology, Neurology, and Splanchnology. Special attention is directed to the study of the brain and cerebral localizations. The recitations are fully illustrated by fine models, dissections, and the use of several hundred lantern slides. Each student of the first year is provided with a box containing the bones of the skeleton for home study. The laboratory is equipped in the most approved manner and is amply supplied with material for dissection. The students dissect under the immediate supervision of the instructor, and are required to demonstrate satisfactorily each part dissected after its completion.

Topographical and Surgical Anatomy—The Junior students receive instruction in the topographical and special surgical relationships of Anatomy in a course of lectures with demonstrations on the living model and the cadaver.

Normal Histology and Embryology—Instruction is given in the first year by a course of recitations with lectures and laboratory work. The subjects are illustrated in the class-room by drawings and lantern slides. In the laboratory each student is furnished a microscope by the School, with an outfit of all reagents and apparatus required for thorough work. He receives carefully-prepared sections of the tissues and organs of the body, both in the adult and embryonic conditions, which are mounted for permanent preservation, and from which he makes drawings. He also receives fresh material, and is taught the methods of preserving and hardening them, and of making and staining sections.

PHYSIOLOGY—The course covers two years. The instruction for the first year is given in a course of lectures, with frequent written test examinations, and is devoted mainly to the general principles of the science. In the second year the subject is reviewed with especial attention to the details. The instruction for both years is fully illustrated by experiment, and is scientific in character and intended to cultivate the scientific method of thought. The new laboratory is well equipped with chemical and physical apparatus, and is designed

to afford every opportunity for the student and investigator. Those fitted for advanced work are received into the laboratory, supplied with apparatus, and directed in methods of original investigation. The library of the professor in charge is freely open to those connected with the School.

MATERIA MEDICA AND THERAPEUTICS—The instruction in this department begins in the Second year with recitations in Materia Medica, and blackboard exercises in prescription-writing. An important part of this year's work is the Pharmacy course, which consists of laboratory exercises, where each student is required to make the various preparations of the Pharmacopœia and to compound prescriptions. During this course the students are shown the crude drugs with their preparations and alkaloids, all of which are examined at their desks. They are also shown the use of the various therapeutic appliances, as methods of making cold applications, uses of various syringes, spray apparatus, etc.

In the Junior year the recitations are devoted to the details of the physiological action of drugs and their therapeutic uses.

In the Senior year the instruction is by lectures on new drugs, electricity, massage, and applied therapeutics.

In performing their duties as clerks to the several Dispensary physicians, the students have a valuable opportunity to extend their practical knowledge of prescription writing and therapeutics.

PATHOLOGY—Instruction in Pathology is given throughout the Second and Third years. This consists of recitations, lectures, and demonstrations in General Pathology, and in General and Special Pathological Anatomy, together with laboratory work in Pathological Histology.

The first part of the course is devoted to General Pathology, including the study of bacterial lesions and tumors. This is followed by special Pathology. Pathological Anatomy is illustrated by autopsies at the morgue of the New Haven Hospital, by specimens from the pathological museum, and by drawings and photographs.

Pathological Histology extends throughout the course. As far as possible the description of pathological lesions is followed by a microscopic examination of organs illustrating the condition. Use is made of the projection microscope as well as of lantern slides to aid in the microscopic study.

Medical Jurisprudence—Instruction in this subject is given by lectures on special topics, and by reports of the cases coming before the medical examiner and the coroner of New Haven County, and by reviews of cases occurring in the courts.

Bacteriology—A laboratory course in this subject is given during the early part of the Second Year. This is preliminary to the study of the

lesions produced by bacteria, which is taken up in the systematic course in Pathology. Each student becomes familiar with the principles and methods of sterilization, the preparation of the ordinary culture media, and the methods of growing, staining, and studying the various bacteria. Especial attention is given to such bacteriological technique as has been found of value in clinical diagnosis.

MEDICINE—Instruction in Medicine is begun in the third term of the Second Year with a course of lectures on general symptomatology, in which the more important symptoms of disease are considered in their relations to physiology and pathological anatomy.

In the Junior year the clinical types of disease are studied in recitations and in clinics in the Dispensary and at the New Haven Hospital. Throughout this year the clinical work and the text-book exercises are made to accord as to subject in so far as it is practicable, with a view to making the clinics illustrative of the class-room. Practical instruction in physical diagnosis is at the same time provided in the Dispensary, the class being divided for this purpose into small sections, thus permitting individual instruction and practical exercise in all the essential methods of physical examination.

During the Senior year the work is almost wholly clinical, and is carried on for the most part in the Dispensary and Hospital. In the Dispensary each student is assigned regular duties as assistant in the various medical services. Here he has abundant opportunity to familiarize himself with the details of practical medical work, coming into direct contact with the patients in the taking of histories and in the examining room, writing prescriptions, and making any special tests which may be requisite to the complete understanding of the cases. In all this work he is under the immediate supervision of the dispensary physicians, receiving suggestions and all necessary aid from them.

In the Hospital at least one medical clinic is held each week by Professor DeForest or Dr. Fleischner. Opportunity is here provided for the study of those severer cases which the Dispensary service does not furnish, and care is taken to have the students see the same patient in various stages of his disease.

Mental Diseases receive special consideration in a course of didactic lectures and by visits to hospitals for the insane.

Dermatology is taught in a course of lectures and clinics at the Dispensary.

Sanitary Science and the Public Health receive attention in a course of lectures, which includes the elements of these subjects, with a discussion of methods in practice, and of public sanitary administration.

SURGERY—The instruction in the principles and practice of General Surgery is in a course of lectures to the Junior class with special lectures in the Senior year. Clinical instruction begins in the Junior year with attendance on the general surgical clinics at the Dispensary and Hospital. In addition to attending these clinics, the Junior students in rotation serve as clerks. The Senior students also act as assistants in the Dispensary clinics. In performing their duties as dressers and general assistants, they have an excellent opportunity to become familiar with the practices of modern aseptic methods. Cases requiring attention at their homes are assigned to Senior students, who are required to make full reports concerning them.

Professors Carmalt and Russell, who are of the visiting staff of the New Haven Hospital, hold weekly clinics during their terms of service, in which the advanced students are shown the cases during their whole stay in the Hospital, studying the causes which necessitate operations, where such are necessary, seeing the operations, among which are many of the most important in surgery, and observing the results of treatment.

Ophthalmology is taught in a course of lectures and illustrated by a large number of cases in the clinic. Each student is also personally instructed in the use of the opthalmoscope and the principles of the methods for the determination of the errors of refraction.

Otology and Laryngology—Instruction is given by lectures and clinics. Each student is required to make examinations with instruments, and becomes familiar with their use and with the normal and principal pathological conditions of the throat and ear.

Bandaging and Operative Surgery—Junior students receive instruction in the art of applying bandages in a practical course. In the Senior year there is a course in operative surgery on the cadaver.

Orthopaedic Surgery—A course of didactic lectures and clinical instruction in the application of plaster-of-Paris bandages and special apparatus with massage and gymnastics.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN—Instruction is given in the principles of Obstetrics by recitations and lectures. The Junior class also receives a systematic course of instruction in Operative Obstetrics by means of manikins. The Senior students are required to present full reports of cases attended by them under the supervision of the Assistant Professor of Obstetrics, and his assistants. Students lodge in the Dispensary building during their term of service in this clinic.

Gynecology is taught by recitations and clinics. The Senior students receive personal instruction in the methods of diagnosis and treatment in the Dispensary.

Diseases of Children—This important branch of medicine is taught by didactic lectures and recitations, as well as by clinical instruction at the Dispensary and Hospital.

THE NEW HAVEN HOSPITAL is situated but a short distance from the School buildings, and being the chief hospital in a large manufacturing city, which is also a considerable railroad center, its wards constantly afford ample material for the illustration of disease, and furnish frequent occasion for the performance of the various surgical operations.

The new *operating theatre* is thoroughly equipped with every requisite and convenience for surgical work. The arrangements are planned with special reference to making the operations available for purposes of instruction to students.

There are four Resident Physicians, who are appointed according to the results of an examination before the medical staff. Graduates of this School frequently obtain appointments also in the hospitals of neighboring cities.

THE NEW HAVEN DISPENSARY is located on the School grounds. The service is a large one, furnishing about 15,000 consultations annually, and is divided into clinics for Internal Medicine, Surgery, and the chief specialties. Each clinic has a chief and several assistant physicians. The Senior students are appointed assistants to the physicians in the several clinics in rotation. In the performance of the duties here required of them, under the strict supervision of the officers, the students receive a most valuable training in the methods of examination and treatment of patients.

REQUIREMENTS FOR ADVANCEMENT

Students are advanced from one class to the next by a vote of the Faculty, based on their standing in the pass examinations, and on the record of their work for the year.

The *annual* pass examinations are held in June in the studies of each year, open to students of the School and candidates for admission to advanced standing. Pass examinations are also held just before the opening of the School year in October in the studies of the First, Second, and Junior years; open only to students conditioned in June, and to candidates for admission to advanced standing. These *autumn* examinations are optional, and a fee is required for admission to them.

The examinations of the First year are, a practical one in Analytical Chemistry (at Christmas), and written examinations in General and Physiological Chemistry, Histology, Anatomy, and Physiology. Those at the end of the Second year are on Physiology, Anatomy, Materia Medica, and Pathology. Those at the end of the Junior year are upon Pathology, Therapeutics, Obstetrics and Diseases of Women and Children, Medicine, and Surgery. In the Senior year there are written examinations in the specialties studied during the year, but the standing of the year depends largely upon the results of the practical examinations and the records of the students' clinical work.

REQUIREMENTS FOR A DEGREE

To be eligible for the degree of Doctor of Medicine, every candidate must fulfill the following conditions:

I. He must be at least twenty-one years of age, and must sustain a good reputation for moral character.

II. He must have pursued medical studies for four years, and have been a student in this School for at least two years. If he has not pursued the four years' curriculum in this School, he must have taken such studies in some other recognized institution as are equivalent to the remainder of the full term of study.

III. He must have passed to the satisfaction of the Faculty the prescribed examinations of the course; and he must have presented a satisfactory thesis on some subject relating to medicine. The thesis should be presented to the Dean on the third Wednesday before Commencement.

HONORS AND PRIZES

The degree of Doctor of Medicine *magna cum laude* will be conferred on students whose examinations and school work show distinguished merit.

The degree of Doctor of Medicine *cum laude* will be conferred on students whose examinations and school work show unusual merit.

THE CAMPBELL GOLD MEDAL is awarded to that member of the graduating class who secures the highest rank in the examinations of the course.

THE KEESE PRIZE—The income of the fund for the Keese Prize, a memorial of Hobart Keese, M.D., of the class of 1855, which amounts to about $140 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis.

Any of these honors may be withheld at the option of the Faculty.

LIBRARY

The University Library contains over 250,000 volumes and includes the Medical Library. Medical students have the same privileges of consulting and drawing books as other students of the University.

GYMNASIUM

The privileges of the University Gymnasium can be had on payment of the fee of $5 annually.

FEES AND EXPENSES

FIRST YEAR:

Matriculation (paid but once),	$ 5.00
Tuition,	140.00
Practical Anatomy (including instruction and material),	10.00

SECOND YEAR:

Tuition,	$140.00
Practical Anatomy (including instruction and material),	5.00
Practical Pharmacy,	5.00

JUNIOR YEAR:

Tuition,	$140.00

SENIOR YEAR:

Tuition,	$50.00
Graduation,	30.00

A deposit of $5.00 is required in the Chemical Laboratory; one of $1.00 in the Histological Laboratory; and one of $3.00 in the Bacteriological Laboratory. These deposits are to cover the cost of apparatus broken by the student, and any excess above such breakage will be returned at the end of the course.

These fees give entrance to all the instruction in the School, including not only the lectures and quizzes but the practical courses in all departments. The curriculum does not need to be supplemented by private quiz-classes.

The tuition fees for the first three years are due at the beginning of each of the three terms into which the year is divided, in instalments of $50, $50, and $40 respectively. The tuition fee for the Senior year is payable at the beginning of the first term. The graduation fee is due three weeks before Commencement. Fees are paid to the Treasurer of the University, except those for matriculation and graduation, which are paid to the Dean.

BOND—Students who do not pay when their bills are due are required to give a bond to the Treasurer for three hundred dollars, executed by a satisfactory bondsman; a blank for this bond will be furnished on application to the Treasurer. Those who deposit such bonds will receive term-bills, with interest added, shortly before the end of each term, to be paid, on or before the commencement of the next succeeding term, and students who deposit bonds must pay all arrearages before they can receive back their bonds from the Treasurer. No degree can be conferred, nor any certificates of attendance or examination furnished, until all bills due the School are paid.

Students will be assisted in finding board and lodging by the Janitor of Medical Hall.* Prices range from four and a half dollars a week upwards.

* Mr. William Blackwood, 146 York St.

INSTRUCTION TO GRADUATE AND SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE IN MEDICINE

The instruction here offered to graduates in medicine is intended to meet the requirements of two classes of students: first, those who wish to review or supplement their knowledge of the regular studies of the medical curriculum, as taught in this School; and second, those who wish to fit themselves in special lines of medical work, or for the duties of a medical examiner, or for medico-legal and sanitary examination.

Courses in the following subjects are specially mentioned: Experimental Physiology; Physiological Chemistry; Chemical Analysis, including General Qualitative Analysis and the Quantitative Methods as applied in medicine; Experimental Toxicology and Medico-Legal Examinations; Sanitary Analysis, including the Chemical and Bacteriological Examinations of Food, Air, Water, etc.; Practical Anatomy; Normal and Pathological Histology; General Bacteriology. But any of the regular studies may be taken, and special courses to meet the requirements of the students may be arranged at hours convenient to the instructors.

Special Students are not taken in the practical branches of medicine, but the studies mentioned above and the general studies of the course are open to such persons as may desire to pursue them, if by their previous studies they are prepared to profit by the instruction.

The charges for instruction will depend on the courses taken, and can be ascertained for any particular line of study by applying to the Dean.

For further information, address Professor HERBERT E. SMITH, Dean. Office hours, from 10 to 12 in Room No. 25, at the School, 150 York St.

DEPARTMENT OF LAW

(YALE LAW SCHOOL)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

HON. FRANCIS WAYLAND, LL.D., *Dean, and Professor of English Constitutional Law*

HON. SIMEON E. BALDWIN, LL.D., *Professor of Constitutional Law, Corporations, and Wills*

HON. WILLIAM K. TOWNSEND, D.C.L., *Professor of Contracts and Admiralty Jurisprudence*

MORRIS F. TYLER, LL.B., M.A., *Professor of General Jurisprudence*

THEODORE S. WOOLSEY, LL.B., M.A., *Professor of International Law*

GEORGE D. WATROUS, D.C.L., *Professor of Contracts, Torts, and Estates*

JOHN WURTS, LL.B., M.A., *Professor of Elementary Law, Real Property, and Trusts*

GEORGE E. BEERS, M.A., M.L., *Assistant Professor of Elementary Law and Real Property, and Secretary*

EDWARD G. BUCKLAND, LL.B., M.A., *Assistant Professor of Evidence*

SPECIAL LECTURERS AND INSTRUCTORS

HON. EDWARD J. PHELPS, LL.D., *Lecturer on Equity and International Law*

HON. NATHANIEL SHIPMAN, LL.D., *Lecturer on Jurisdiction of and Procedure in the United States Courts*

HON. HENRY C. ROBINSON, LL.D., *Lecturer on the Ethics of the Legal Profession*

MARK BAILEY, M.A., *Instructor in Forensic Elocution*

ALBERT S. WHEELER, M.A., *Instructor in Roman Law*

ARTHUR M. WHEELER, LL.D., *Instructor in English Constitutional Law*

WILLIAM G. SUMNER, LL.D., *Instructor in Political and Social Science*

HON. WILLIAM L. WILSON, LL.D., *W. L. Storrs Lecturer on Municipal Law*

TALCOTT H. RUSSELL, LL.B., M.A., *Instructor in Municipal Corporations*

HON. EDWARD D. ROBBINS, B.A., LL.B., *Lecturer on Medical Jurisprudence*

ARTHUR T. HADLEY, M.A., *Instructor in Railway Management and Economics of Transportation*

HON. EDWIN B. GAGER, B.A., *Instructor in Mortgages and Equity*

THOMAS THACHER, LL.B., M.A., *Lecturer on Corporation Law*

HON. SAMUEL O. PRENTICE, B.A., LL.B., *Instructor in Pleading*

JAMES M. TOWNSEND, JR., B.A., LL.B., *Lecturer on Transfer of Monetary Securities*

WILLIAM L. BENNETT, B.A., LL.B., *Instructor in Contracts*

HON. GEORGE M. SHARP, LL.B., M.A., *Lecturer on Insurance*

C. LARUE MUNSON, LL.B., M.A., *Lecturer on the Beginnings of Practice*

JAMES H. WEBB, S.B., LL.B., *Instructor in Criminal Procedure*

ROGER FOSTER, LL.B., M.A., *Lecturer on Federal Jurisprudence*

LEONARD M. DAGGETT, B.A., LL.B., *Instructor in Wills*

HON. DAVID TORRANCE, M.A., *Instructor in Sales, and Evidence by Cases*

HOWARD H. KNAPP, B.A., LL.B., *Lecturer on Connecticut Practice*

CHARLES W. PIERSON, M.A., *Instructor in New-York Practice*

ROBERT C. MORRIS, D.C.L., *Instructor in the French Codes*

PHILIP P. WELLS, B.A., *Librarian*
PHILIP Z. HANKEY, LL.B., *Assistant Librarian*
HUGH B. CHACE, *Assistant Librarian*
ARTHUR A. WILDER, LL.B., *Registrar*

J. WALCOTT THOMPSON, B.A., LL.B.,
DAVID E. MOULTON, LL.B., } *Quiz-Masters*

It is the aim of the School to give to all students in its regular undergraduate course a thorough acquaintance with the general principles and rules of American law, so as to fit them for the Bar of any State; to extend to those

who do not propose to become practicing lawyers, but wish to pursue some particular branches of legal or political knowledge, such assistance as they may desire; and to offer to advanced students further instruction in all that belongs to law as a science in its widest sense. Such instruction is given in an undergraduate course, a graduate course, and special courses.

The undergraduate course is mainly devoted to the practical side of legal education, but also gives an introduction to the general ideas and sources of jurisprudence. The year of graduate instruction is mainly confined to studies of a more scientific and philosophical character, such as General and Comparative Jurisprudence, Legislation and Government, Economics, Roman Law, the French Codes, and Private International Law. Students are at liberty to take a part of this course one year and part another year, being examined at the close of each year on the studies pursued, and dividing the tuition fees in like proportion.

The Law School building faces the Green, near the College Square. It has four large lecture rooms, and separate reading and consultation rooms for the use of the students. The building is within two blocks of the Court House of New Haven County, in which two terms of the Supreme Court of Errors of Connecticut are held annually; while the Superior Court and Court of Common Pleas (the principal civil and criminal courts of the State) are also in session there almost daily, during each of the School terms; thus affording the students peculiar facilities for observing actual practice in court.

The library of the School is open until nine in the evening, and students are encouraged to examine the books on the shelves for themselves, without the intervention of the librarian. The familiarity with the reports and authorities that is thus gained the Faculty deem of great importance in accustoming the student to prepare his cases intelligently and thoroughly in his future practice.

A debating society—the Kent Club—gives a good opportunity for practice in public speaking, and the formation of class quiz-clubs, to meet in the Law School apartments, is also provided for. Those formed in the Junior year are under the special direction of competent instructors. The share of the School in the general advantages of the University gives the students many opportunities of broadening their views and acquiring knowledge in regard to matters outside of their strictly professional work. They may, on application to the Dean, obtain permission to be present at one or more of the special courses of instruction in the Department of Philosophy and the Arts, or the lectures on Anatomy, Insanity, etc., in the Medical School, on payment of a moderate fee.

COURSES OF INSTRUCTION

The regular course of study for candidates for the degree of LL.B. covers a period of three years. Bachelors of Arts, however, of approved colleges will be permitted to complete the three years' course in two years, if they are able to do so ; and the same privilege will be accorded to any others who in the judgment of the Faculty are qualified by natural abilities or previous training to undertake so arduous a labor.

The general order of instruction, including both required and elective studies, is as follows :

FIRST YEAR :

Outlines of American Law ; Lectures.	Criminal Law (Clark).
Elementary Law (Robinson).	Torts (Cooley).
Real Property (first half of Hopkins).	Pleading (Heard's *Civil Pleading*).
Contracts, Agency, and Mercantile Law (Parsons on Contracts).	Evidence (Reynolds' *Theory*).
	Wills ; Lectures.
	Moot Courts.

Elective

Commercial accounts, with practical instruction in bookkeeping.	Elocution ; Lectures and practice.

SECOND YEAR:

Real Property (the remainder of Hopkins).
Conveyancing; practice.
Contracts (the remainder of Parsons).
Equity (Bispham); Lectures.
Private Corporations (Morawetz).
Public Corporations; Lectures.
Criminal Procedure (Clark).
Code Pleading (Bryant).
Habeas Corpus, and Judgments; Lectures.
Principles of Contract (Benjamin).
Evidence (Stephen's Digest and Buckland's Cases).
Constitutional Law; Lectures.
Practice in the United States Courts; Lectures.
Fire Insurance; Lectures.
Estates; Lectures.
Moot Courts.

Elective

Roman Law; Lectures.
Elocution; Lectures and practice.
International Law; Lectures.
Practice under the several State systems.
New York practice.

THIRD YEAR:

(At least twelve hours per week to be elected.)

Sales (Benjamin).
Wills (Schouler).
Municipal Corporations (Dillon).
Evidence (Thayer's Cases).
The Law of Electricity; Lectures.
Railroad Law (Pierce, and Baldwin's Cases).
Medical Jurisprudence; Lectures.
Patents; Lectures.
Admiralty (Benedict).
American Diplomatic History; Lectures.
Practice in the United States Courts and Equity Pleading (Foster).
Mortgages (Jones).
General Jurisprudence (Holland and Markby).
Life Insurance; Lectures.
Trusts (Perry).
Railway Management; Lectures.
Roman Law (Sohm).
Moot Courts.

GRADUATE COURSE

FOURTH YEAR:

Elections from

Roman Law.
General Jurisprudence.
Political Geography in its relations to Political History.
Political History and Science; Lectures.
Comparative Jurisprudence.
Conflict of Laws.

English Constitutional Law.
Economics of Transportation.
Public Finance: Labor Organizations.
Economic Policy: United States
Financial History.
Political and Constitutional History of the United States.
Medieval Institutions.

The courses above outlined are subject to change from time to time, and books should not be purchased until the work is entered upon.

The method of instruction is largely that of recitations. It is the conviction of the Faculty of this Department, as well as the tradition of the University, that definite and permanent impressions concerning the principles and rules of any abstract science are best acquired by the study of standard text-books in private, followed by the examinations and explanations of the recitation-room. Hence, although certain subjects are separately taught by lectures, either because the want of proper manuals, or the constant and rapid advance of learning, or economy of time, requires the adoption of that method, care is taken that the same topics as far as practicable shall be covered by recitation work in connection with the wider branches of the law to which they belong. The study and analysis of reported cases of special importance, illustrating the development of law in its leading branches down to the present time, are also required, and many of these are separately printed by the Department and used for more ready consultation in connection with the different courses of instruction. The recitation hours, however, are only in part devoted to questioning the student. While this is done with sufficient thoroughness to hold him up to his work of preparation, matters not fully treated in the text-book used are presented at greater length; ample opportunity is also afforded for a free colloquial discussion of the subject of the lesson and for the presentation and solution of the difficulties which he may have encountered in his private study. In this manner each student is brought into personal communication with the instructor in reference to his daily work, and as far as practicable, receives the benefits which would be obtained if he were placed under the individual tutorship of his professor.

The courses of study in Real Property include practical instruction in Conveyancing, in which the students are exercised in drawing all the instruments commonly employed in the transaction of business concerning real property.

The courses on Pleading embrace the subjects of Common Law and Code Pleading, both taught by recitation and examples, while the details of the latter are enforced by requiring the students to draw complaints, answers, etc., in cases of their own selection, and to submit them to the instructor for criticism and correction. Special

instruction is also open to each student as to the leading features of the system of pleading and conveyancing in use in the State in which he expects to practice; that on the New York code of civil procedure being continued through the greater part of the second year.

The course in Evidence embraces three years. Instruction during the first year is devoted entirely to the Theory of Evidence, it being the intention to develop logically the theoretical reasons for excluding *res inter alios*, hearsay, opinion and character, and for admitting facts deemed to be legally relevant, and to set forth the means whereby such facts are proved and their effect upon the issue when proved. In the second year, the theory thus taught is practically applied. Stephen's Digest is the text-book used, the principles of the text being emphasized and illustrated by leading cases from the most authoritative English and American courts, and from the text of Greenleaf, Taylor, and Best. So far as is possible, the student is placed in the position of an attorney actually engaged in the trial of a case and the practical difficulties and questions of preparation for trial are discussed. The third year takes the student still further into special lines of evidence. Attention is given to the more intricate branches and a thorough historical investigation is made into the decisions involving such subjects.

The course on International Law consists of lectures not only covering the general topic, but treating also of any questions which may be, for the time being, exciting public attention, and which demand the application of the principles under discussion.

The course on Roman Law is an introduction to the more advanced studies of the graduate course, and, though necessarily brief, is sufficient to indicate the distinguishing features and doctrines of the civil law, and to refer to the original sources for more detailed information.

The courses of instruction in the fourth (graduate) year are designed to afford to the advanced student an opportunity to round out his legal acquirements with a knowledge of the philosophic principles of human law. The primary conceptions to which he was introduced at the commencement of his studies are again taken up and developed in a scientific method, and examined in the light of various systems of practical jurisprudence now or heretofore prevailing.

In the graduate course, Roman Law is the principal topic of investigation. The following sketch of the work of the last class will indicate the general character of the instruction given in this branch: Sohm's *Institutes of Roman Law* (4th edition, translated into English). All the Latin *excerpta* were translated carefully and written abstracts of the entire work were prepared by each of the class. As illustrative of this book, 18 cases were studied from the Digest, with texts, following

Eckert's *Chrestomathie*, and two others from Hess's *Achtzehn Rechtsfälle*. Some chapters of Roby's *Introduction to the Digest* were read and the sources studied, as follows: the whole of Justinian's *Institutes*, Book iv of Gaius' *Commentaries* and selections from the other books; from the Digest, Lib. 41, Tit. 1, 44.7, 22.2, 14.2, with numerous references to isolated extracts; from Codex, two constitutions and isolated extracts: Novels 118, 127, 115.

The class had previously attended the outline course of lectures on Roman Law given by Judge Baldwin, in the undergraduate course.

The time given to Comparative Jurisprudence is ordinarily devoted to a study of the French Codes, compared with other systems of jurisprudence, particularly the Roman, English, and American, with the investigation of leading cases decided in the French and American courts.

The lectures on Political and Social Science, Economics, etc., are given in connection with the graduate courses in the Philosophical Department of the University, and attended by the graduate students of the Law School in common with the members of that Department.

Besides these various exercises, the undergraduate students are required, from time to time, to draft contracts, wills, and other similar instruments, the work of each being reviewed and commented upon, either in public or in private, by the instructor. Public Moot Courts, besides those of the class quiz-clubs, are regularly held, at which one of the professors presides as judge, and the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be. Occasionally, also, cases are tried by the students before a jury of their own number, in a court regularly organized, with a full complement of judicial, clerical, and executive officers, where the proceedings are conducted in the same manner as in ordinary courts of law.

SPECIAL STUDENTS

Special studies may be taken by students who desire some acquaintance with law as a preparation for business pursuits, and also by those, who, not intending to engage in active business, desire to acquire an enlarged acquaint-

ance with our political and legal systems and the rules by which they are governed. The Faculty will determine in the case of each special student the studies which he can most profitably pursue. A three-years' course may be thus arranged, comprehending Roman Law and other topics of graduate study, at the conclusion of which the degree of Bachelor of Civil Law (B.C.L.) may be awarded. To special students, not taking this full course, certificates will be given, stating the time during which they have been connected with the School and the subjects on which they have passed examinations. The Faculty will decide in what cases a preliminary examination will be required.

TERMS AND VACATIONS

There are two terms in each year: the first Term, beginning thirteen weeks from the day after Commencement, continues for twelve weeks; the second Term, beginning on the Tuesday after the first Thursday in January (with a Thanksgiving recess covering Wednesday afternoon as well as Thursday), continues until Commencement-day, with a Spring recess of eight days, including Easter.

REQUIREMENTS FOR ADMISSION

UNDERGRADUATE COURSE

Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character.

None who have not received a liberal education at some collegiate institution will be admitted to any class until they have passed satisfactory examinations in Roman, English, and American History, and English Literature. Such a knowledge of these subjects as can be gained from Creighton's *Roman History*, Green's *Short History of the English People*, Ridpath's *History of the United States*, and Shaw's *History of English Literature*, should be suffi-

cient to qualify the student for this examination. This preliminary examination will also call for a fair knowledge of English Grammar and Composition, Geography, Arithmetic, and ability to read at sight the Latin of such authors as Caesar or Sallust. Those, however, will be excused from this examination, so far as English branches are concerned, who present a certificate that they have passed a "Regents' Examination for Law Students," conducted under the authority of the Board of Regents of the University of the State of New York.

Applicants for admission to advanced standing, as candidates for the degree of LL.B., must be at least nineteen years of age, if they seek to enter the second-year class, and at least twenty years of age, if they seek to enter the third-year class; they will receive due credit for time previously spent in other Law Schools or under competent legal instructors in an office, and for the branches of study there pursued, and upon passing satisfactory examinations on their work already done (and the required preliminary examination in cases to which it applies) will be assigned to such classes as the Faculty may deem them qualified to enter. Attorneys at Law and graduates of other Law Schools will be allowed to enter, and will be so assigned, without examination, upon consideration of the studies they have pursued and the time which has thus been occupied.

The graduate course can be completed in one year, or in two years, according to the ability and the desire of the student, and the conditions of admission are as follows:

It is open, without examination, to graduates from any Law School presenting any diploma granted after a course of not less than three years' study, or having the degree of Master of Laws (M.L.) granted previously to September 1st, 1898, by this School or some other having a graduate course leading to such degree, similar or equivalent to that in this school, existing prior to that date. At least one year of residence is indispensable. The presentation

of a graduating thesis may be deferred until the second year, and in such case it may be prepared *in absentia.*

The degree of Doctor of Civil Law (D.C.L.) may be applied for at the end of this fourth year, by those students who have been graduated at some collegiate institution, as Bachelor of Arts, Philology, or Philosophy; or are graduates of this Law School, who attained a prescribed standard of scholarship on their examinations for their degrees; or are graduates of other Law Schools as above stated, and present a certificate of distinction in scholarship from their former instructors. A preliminary examination upon the outlines of Roman Law and Roman History must, however, have been passed, by all who have not taken their degree at a Law School where Roman Law constituted one of their studies. A good knowledge of either the French or German language, as well as of Latin, is also required. In the case of students from foreign and not English-speaking countries, a good knowledge of the English language may be accepted as an equivalent for that of French or German. The Faculty will present no one for the degree of D.C.L. who has not attained a high standard of proficiency in the studies pursued.

The degree of Master of Laws (M.L.) will be awarded to students in the graduate course who pass a satisfactory examination, but not one of sufficient excellence to warrant the conferring of a doctorate; or who being graduates of the Yale Law School did not attain the high standard of scholarship prescribed as above mentioned, at their final examinations prior to graduation; or to those not graduates of a collegiate institution as well as of a Law School; or to students who substitute some other branches for Roman Law; on their passing a satisfactory examination upon the studies pursued.

The presentation of a satisfactory thesis, on a given topic, is also required as a condition of every degree.

EXAMINATIONS

There will be an examination of candidates for admission to the Junior Class at the Law School in New Haven on the day after the University Commencement and also on the day before the opening of the Fall Term. In 1898 examinations for admission to the Junior Class will also be held on July 1, in Albany, N. Y., at the Albany Academy; Buffalo, N. Y., at the Buffalo High School; Chicago, Ill., at the Bryant & Stratton Business College; Cincinnati, O at the Hughes High School; Cleveland, O., at the University School; Denver, Col., at the East Denver High School; Milwaukee, Wisc., at the Milwaukee Academy, 471 Van Beuren street; New York City, at the Y. M. C. A. building; Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street; Pittsburg, Pa., at Shady Side Academy; Portland, Oregon, at the Bishop Scott Academy; St. Louis, Mo., at the Board of Education building; St. Paul, Minn., at the High School; San Francisco, Cal., at the Urban School, 2124 California street; Tacoma, Wash., at the Tacoma Academy; and at Washington, D. C., in the examination-room of the Civil Service Commission. Candidates who propose to be present elsewhere than at New Haven are requested to communicate with Professor George E. Beers, Secretary of the Faculty, before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven.

Regular examinations of candidates for admission to advanced standing are held at the end of the Second Term, and at the beginning of the First Term. Examinations for degrees are held only at the close of the Second Term. To students who, after two years of residence at the School, pursue their studies for a third year elsewhere, and return for their final examinations for a degree, a fee of $15 for such examinations will be charged.

An examination for admission to the graduate course of those intending to apply for the degree of D.C.L. will

be held on the day after the University Commencement, beginning at 9 A. M. in the Law School Building. This examination will cover reading Latin at sight and one of the modern languages required; also the outlines of Roman Law and History, in the case of those not graduates of some institution where these were regularly taught and where they passed a satisfactory examination in these studies.

LIBRARY, PRIZES, ETC.

The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by the Hon. James E. English, M.A., in 1873), contains about nine thousand volumes, and is open daily and in the evening during term time. It embraces all the reports of Great Britain and America, with an extensive collection of text-books, and the leading legal periodicals. The students can also draw books from the general University libraries, containing over 250,000 volumes.

The following prizes are open to competition:

The TOWNSEND PRIZE (established by the Hon. James M. Townsend, in 1874), of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration at the public anniversary exercises on graduation.

The JEWELL PRIZE (established by the Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the Senior Class who receives the highest marks at his annual examination.

The EDWARD THOMPSON COMPANY PRIZE: A set of the first or of the second edition of the Encyclopaedia of Law, or a set of the Encyclopaedia of Pleading and Practice, as the successful competitor may elect, to that member of the Middle Class who shall pass the best examination in the required and optional studies of that year.

The BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior Class who receives the highest marks at his annual examination.

The MUNSON PRIZE (established by C. LaRue Munson, LL.B., M.A., in 1890), of fifty dollars, for the best graduating thesis by a member of the Senior Class.

The WAYLAND PRIZES (established by Professor Francis Wayland in 1890), one Prize of fifty dollars, one Prize of thirty dollars, and one Prize of twenty dollars, to those three members of the Yale Kent Club who, at a public competitive debate, are pronounced first, second, and third in excellence as debaters.

DEGREES

In the undergraduate course, the degree of Bachelor of Laws or Bachelor of Civil Law, as the case may be, is conferred by the Corporation upon the recommendation of the Faculty of the Department, on all students who having finished the prescribed courses of study, have passed satisfactory examinations thereon, and have submitted to the Faculty a creditable thesis on some designated legal subject. In the graduate course the degrees of Master of Laws (M.L.) and Doctor of Civil Law (D.C.L.) are conferred on those who comply with the conditions already specified on pp. 311–12.

Degrees are awarded, in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*.

EXPENSES

The fees for tuition and use of the University and Law libraries are in the regular undergraduate course, forty-five dollars for the First Term, and eighty dollars for the Second Term, if paid each term, or one hundred and ten dollars for the entire year (if paid in advance); and in

the graduate and special three-years' courses eighty dollars for the First Term, and one hundred and forty dollars for the Second Term, if paid each term, or two hundred dollars for the whole year (if paid in advance). Tuition fees, whether paid by the term or for the year, must be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction; and where payment is not made in advance, interest will be added. The fee for graduation is five dollars.

The tuition charges for special students not taking the full three-years' special course, vary in proportion to the amount of instruction and supervision required.

Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland Dean of the Faculty.

LIBRARIES

ADDISON VANNAME, M.A., *Librarian*
FRANKLIN B. DEXTER, M.A., *Assistant Librarian*
J. SUMNER SMITH, B.A., *Assistant Librarian*
WILLIAM A. BORDEN, *Librarian of Linonian and Brothers Library*
ANNIE E. HUTCHINS, *Assistant*
HENRY R. GRUENER, *Assistant*
Mrs. HENRIETTA C. GILBERT, *Assistant*
Mrs. JESSIE C. HARGER, *Assistant*
GEORGE A. JOHNSON, *Assistant*

The Standing Committee in charge of the Library, appointed by the Corporation, consists of President DWIGHT, Professors SALISBURY, DAY, FISHER, LOUNSBURY, DANA, SEYMOUR, and FARNAM, and the Librarian.

The whole number of volumes in the several libraries of the University is about 280,000.

The UNIVERSITY LIBRARY contains about 235,000 volumes and many thousands of unbound pamphlets. For some years past the average annual increase has been more than 5,000 volumes. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number, the foreign serials alone being not less than five hundred. While designed especially for the use of the officers, resident graduates, and students of the several Departments of the University, other persons may have the privilege of consulting and, by permission of the Library Committee, of drawing books. The Library is open daily, except Sundays, in term-time, from 9 A. M. to 5 P. M.; the reference-library and reading-room is open until 9 P. M. In the Winter vacation and through July the Library is open during the morning hours, and in the rest of the Summer vacation on Monday, Wednesday, and Saturday mornings.

The new library building, erected by the munificence of the late Hon. Simeon B. Chittenden, of Brooklyn, N. Y., began to be occupied in 1890.

The LINONIAN AND BROTHERS LIBRARY, occupying the south wing of the old Library building, contains about 20,000 volumes, to which additions of several hundred volumes, chiefly of the best current literature, are annually made. It is designed primarily for the use of the students, and is open in term-time, daily, except Sundays, from 9 A. M. to 5 P. M. In vacations it is open on Monday, Wednesday, and Saturday mornings.

In addition to the periodicals received at the University Library, there will be found in the Reading-Room (in the north wing) fifty-five daily newspapers, American and foreign, fifty-five weeklies, and about seventy-five periodicals. This is open daily in term-time from 9 A. M. to 8 P. M. (on Sundays from 1.30 to 8 P. M.).

In Dwight Hall, which is open daily from 8 A. M. to 9 P. M., will also be found forty-five newspapers and periodicals, mostly religious, and a library of nearly 1,000 volumes selected mainly with reference to the study of the Bible.

The LAW LIBRARY, containing about 9,000 volumes, among which are included complete sets of the English, American, Irish, and Canadian Reports, is on the third floor of the Law School Building; it is open daily, until 9 P. M., in term-time.

The SHEFFIELD SCIENTIFIC SCHOOL LIBRARY, in Sheffield Hall, is a valuable collection of about 5,000 volumes, chiefly mathematical.

The TROWBRIDGE REFERENCE LIBRARY of the Divinity School, in Bacon Memorial Hall, contains over 3,000 volumes of standard and recent theological literature. It is open in term-time in the afternoons and evenings.

The LOWELL MASON LIBRARY OF CHURCH MUSIC, in West Divinity Hall, is accessible to those interested in the study of this subject. It embraces about 8,000 titles in 4,000 volumes.

The LIBRARY OF FOREIGN MISSIONS, in East Divinity Hall, contains over 3,000 volumes, with all the leading missionary periodicals.

The Art School has a Library of about five hundred volumes.

The Library of the Medical School is incorporated in the University Library.

The Library of the American Oriental Society, consisting of about four thousand books and manuscripts, is deposited in the University Library building.

PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR OTHNIEL C. MARSH, PH.D., LL.D., *Chairman*
THE GOVERNOR OF CONNECTICUT, *ex-officio*
PROFESSOR GEORGE J. BRUSH, LL.D.
HON. WILLIAM C. WHITNEY, LL.D.
HON. GEORGE PEABODY WETMORE, M.A.
PROFESSOR EDWARD S. DANA, PH.D.
CORNELIUS VANDERBILT, JR., B.A.

CURATORS

OTHNIEL C. MARSH, PH.D., LL.D., *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

In 1866, George Peabody, of London, but of Massachusetts birth, entrusted to a board of Trustees, selected by himself, the sum of $150,000, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of this sum, $100,000 was devoted by Mr. Peabody to the erection, "on land to be given for that purpose by the President and Fellows of Yale College, of a fire-proof building," "planned with special reference to its subsequent enlargement," to be, "when completed, the property of Yale College." Of the remainder of the gift, $20,000 was set apart to "accumulate as a building fund" and $30,000 to meet by its income from investment the expenses attending "the care of the Museum, the increase of its collections, and the general interests of the departments of science before named."

Ten years later, in 1876, the first wing of the Museum—the part now standing—was completed and furnished with cases at a cost of $175,000, the whole outlay being met by

the accumulated building fund. The central part of the projected structure and the South wing—which will extend it to Library street—remain to be built whenever the means available for the purpose shall be adequate. The central part is much needed, as only a small part of the specimens secured can now be placed on exhibition.

The first floor of the building is devoted to the department of Mineralogy and to the purposes of a large lecture-room. The minerals occupy cases in the west room, the door of which fronts the entrance to the Museum. The minerals of the Gibbs collection, deposited by Col. George Gibbs with the College in 1809–10, and purchased in 1825 at a cost of $20,000, and the extensive accumulations since made, are here preserved and for the most part on exhibition, making it one of the largest public collections in the country. The private cabinet of Professor Brush, arranged in drawers in his private room on the same story, although not open to general exhibition, adds greatly to the means of study and investigation in this department. Besides minerals, the exhibition-room contains one of the largest collections of meteorites in the country; among the specimens, there are the famous mass of meteoric iron from Texas, weighing 1635 pounds; some hundreds of meteorites, large and small, all of which came from a single fall in Iowa, in May, 1879; the interesting Weston meteorite, which fell in Weston, Connecticut, in 1807, and was soon after described at length by Professors Silliman and Kingsley; besides many others of special interest. An important recent addition is a collection of meteorites, numbering nearly one thousand, which came from the great meteoric fall of May 2, 1890, in Winnebago County, Iowa. A case in the center of the room contains the large and beautiful collection of Chinese artistic work in stone, chiefly in jade and agate, with other like objects, bequeathed by Dr. S. Wells Williams, who was for forty-three years in China as Christian philanthropist, editor, author, and attaché to the American legation, and for some years before his decease

was the Professor of Chinese in the University. The large room on the same story adjoining the Mineral room, on the north side of the hall, is arranged for mineralogical and blowpipe instruction, with desks and a students' cabinet of minerals, under the charge of Professor Penfield.

The second floor is given up to Geology and Palaeontology. The southern room contains vertebrate fossils. The latter are mostly collections made by Professor Marsh, in the Rocky-Mountain region and other parts of the West. In this room the first horizontal case to the left of the entrance contains specimens of toothed birds, mainly *Hesperornis* and *Ichthyornis*, discovered by Professor Marsh in the Cretaceous rocks of Kansas. Near by, in the first vertical case against the wall, are the bones of a large Mastodon from the Post-Pliocene of southern New York. In the second wall-case on the east side are the huge bones of the Miocene *Brontotheridae* from Dakota and Nebraska. In the two wall-cases at the southeastern corner are remains of the *Dinocerata*, large horned mammals from the Eocene of Wyoming. In the horizontal case adjoining may be seen two skeletons of gigantic Moas *(Dinornis)*, extinct birds from New Zealand. In the center of the room are part of the bones of an enormous Dinosaur *(Brontosaurus)*, sixty feet in length, from the Jurassic of Wyoming, and a large slab, standing vertically, showing the skeleton of a Mosasaur from the Chalk of Kansas. Behind this is a case containing the nearly complete skull of *Triceratops*, a gigantic Dinosaur from the Cretaceous of Wyoming. The horizontal case to the right of the entrance and the wall-case adjoining it on the west contain the remains of another Jurassic Dinosaur *(Stegosaurus)*, about thirty feet long, which, as the specimens show, had a series of very large vertical plates along the back, and four pairs of immense spines on the tail. In the lower part of the next vertical case lies part of a thigh bone of *Atlantosaurus*, the largest of Dinosaurs and of land animals yet known. A horizontal case on the south side of the room contains the feet of various animals,

and among them the bones of the feet of three-toed and four-toed horses from the Tertiary of Nebraska and Wyoming. In the wall-case south of this are remains of the extinct Irish Elk, and over the case is the skull with the large antlers complete. At the southwestern corner of the room, the wall-cases contain the bones of *Morosaurus*, another Jurassic Dinosaur. In the adjoining horizontal case is a series of Eocene fishes from Utah.

The western exhibition-room is occupied mainly by a collection of invertebrate fossils, arranged zoologically. The first vertical case on the south is devoted chiefly to fossil sponges, among which the series of *Brachiospongidae* is the most notable. Then follow two cases of corals, with many fine examples from Kentucky, Ohio, and New York. The nine succeeding cases contain collections of crinoids, trilobites, crustacea, bryozoa, and fossil shells. Two large wall-cases on the eastern side of the room exhibit slabs and tablets of crinoids, mostly from Indiana. A third wall-case encloses a large slab measuring four by six feet, showing nearly thirty species of fossils represented by upwards of one hundred and forty individuals. One table-case contains many type-specimens illustrating the development, structure, and classification of Trilobites, and a second is devoted to recent brachiopods, of which the museum has an extensive collection. The collections of invertebrate fossils are especially in charge of Professor Beecher.

Of the large collection of foot-prints belonging to the University, only a few fine slabs are on exhibition, part of them in each of the two exhibition-rooms of the second story. One of the most interesting is a slab about twelve feet long, covered throughout with raindrop impressions, and, besides these, two series of foot-prints of biped reptiles, one line of them extending the whole length of the slab.

The third story is occupied with the zoological collections, so far as there is room for their exhibition. The gen-

eral zoological collection occupies the western room ; and nearly the whole has been accumulated since Professor Verrill took charge of the department. The specimens are well arranged for exhibition and all labelled. Facing the south door stands a vertical case devoted to the Sponges, among which are many species of the siliceous or glass sponges (*Euplectella*, etc.). Beyond the sponges, twelve cases are filled with the collection of corals, which is one of the most extensive in the country. These are followed by the Echinoderms, etc. Several cases are devoted to a collection of the marine invertebrates of New England, which is nearly complete. Other cases contain special collections of the shells and corals of the Pacific Coast of America ; of the corals of Bermuda ; of the shells of Florida, etc. The collections are rich in species from the deep-sea dredgings in the Atlantic, but only a small part is on exhibition. Overhead are models of two of the huge Cephalopods of the world : one, of twice the natural size, an Octopus from California, 28 feet in diameter (between the tips of opposite arms), and the other, of natural size, a species of the Newfoundland seas, related to the Squids, having enormous eyes, and a length, from the posterior extremity to the tips of the longer arms, of 42 feet. The models were made for the zoological department by Mr. J. H. Emerton.

The southern exhibition-room of the zoological story contains a collection of skeletons in cases on its east and south sides, beginning near the door. These are deposited by Professor Marsh. The skeletons of mammals, beginning with man and the apes, occupy all the east side ; and then come the birds, reptiles, and fishes. The rest of the cases are occupied with collections of vertebrates, both mounted and alcoholic, and include a nearly complete series of the species inhabiting New England.

The second and third stories have also large laboratories and workrooms, devoted to the department represented in the exhibition-rooms of the story. Those of the second

or geological story are in charge of Professor Marsh; and those of the third or zoological story, besides serving for workrooms, are for the laboratory exercises and instruction of students in General Zoology under Professor Verrill. These rooms contain also large collections of specimens arranged in drawers and trays, which are open to special students in the department.

In the fourth story is a large Archaeological collection. As the funds of the Museum are restricted to the departments of Mineralogy, Geology, and Zoology, the cases of the old Yale Cabinet were fitted up for this collection.

The basement is devoted to workrooms and storerooms, and contains a vast amount of specimens, in the departments especially of Palaeontology and Zoology. This part of the building is closed to visitors.

The exhibition-rooms are open from 9 A. M. to 6 P. M., except in the winter, when the hours are from 9 A. M. to 5 P. M. The janitor of the building is Mr. J. Rice, 92 High street.

THE OBSERVATORY

BOARD OF MANAGERS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
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FREDERICK L. CHASE, PH.D., *Assistant Astronomer*

THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, of New Haven, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, an eight-inch Equatorial by Messrs. Grubb, of Dublin, given by the late Mr. Edward M. Reed, of New Haven, and an equatorially mounted set of Cameras for photographing meteors.

Besides its ordinary astronomical work, the Observatory maintains two public services. Continuous time-signals are transmitted from the distributing clock at the Observatory to the railroads and other parties. The Observatory offers facilities also to persons interested in accurate thermometry for the comparison of thermometers with standard instruments.

For the proper performance of these services the following equipment is in use:

1. Standard clocks, a transit instrument, chronographs, and the accessories for refined accuracy in the determination and transmission of time.

2. Apparatus for research and comparison in thermometry, including a collection of the best thermometers obtainable of the foreign makers and observatories which devote special attention to thermometric standards.

Descriptive circulars of the thermometric service may be obtained by addressing the Observatory.

By the will of Professor Elias Loomis, who died in 1889, the Observatory receives one-third of the income, and will ultimately receive the entire income, of a fund established by him and called *the Loomis Fund.* The income received is to be applied to one or more of the following objects only, namely, the payment of the salaries of observers whose time is exclusively devoted to the making of observations for the promotion of the science of astronomy, the reduction of astronomical observations, and the defraying the expense of publishing these observations and of publishing investigations based upon astronomical observations. The principal of the Loomis Fund is over three hundred thousand dollars.

UNIVERSITY PRIZES

The JOHN A. PORTER PRIZE, of the value of two hundred and fifty dollars, established by the Kingsley Trust Association in 1872, is offered for the best English Essay on a prescribed subject. Competing essays must be handed in after the close of the Spring Recess, and the award will be announced on Commencement Day. Any person who has been pursuing a regular course for a degree in any Department during the whole of the current College year, may compete for this prize. If none of the competing essays is of sufficient merit, the prize will not be awarded.

The subjects for Essays in 1898 are as follows :—

1. The English Occupation of Egypt.
2. Tennyson as a Theologian.
3. The Radicalism of Euripides.
4. Student Life at a Medieval University.
5. A Russian Statesman—Prince Gortschakoff.
6. The Influence of Scenic upon Dramatic Art.
7. The Power of the Federal Executive respecting Foreign Relations.
8. The Scope of Sanitary Authority.
9. Absolutism in Municipal Government.
10. Plutocracy and Democracy.
11. The Relation of Right to Law.
12. Literature and the (American) Civil War.
13. The Future of Opera.
14. Social Selection: Types of Characters, Standards of Behavior, Fashions of Opinion, etc., Favored and Established by the Fluctuations of Predominant Notions in Literature, Conversation, etc.

The essays, which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, will be due on May 1, in the care of P. O. Drawer 8, New Haven.

The DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY is endowed with the income of a fund of two thousand dollars, given by Mrs. Eaton in 1897 to found a

Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

The BENNETT PRIZE, being the income of a fund of one thousand dollars, given in 1893 by James Gordon Bennett, Esq., of New York City, is awarded annually on Commencement Day to that undergraduate member of the Senior class in either the Academical Department or the Sheffield Scientific School, who shall have pursued courses in Political Science and English Literature, and shall have prepared the best essay, in English prose, upon some subject of contemporaneous interest in the domestic or foreign policy of the United States government, selected by the Faculty.

The COBDEN CLUB SILVER MEDAL is awarded annually to that undergraduate of either the Academical Department or the Sheffield Scientific School who shows the greatest proficiency in the elements of Political Economy.

LISTS OF STUDENTS

DEPARTMENT OF PHILOSOPHY AND THE ARTS

GRADUATE SCHOOL

[Students marked "A." are pursuing courses of study in absence under the direction of the Faculty for the degree of Master of Arts, Mechanical Engineer, or Civil Engineer, in accordance with provisions made on pages 188–90.]

Mary Winchester Abbott, B.A. Vassar College 1894	*West Haven, Conn.*	West Haven
Anna Howard Adams, PH.B. University of Michigan 1890	*Clifton Springs, N. Y.*	21 Lynwood st.
Francis Mulliken Adams, PH.B. Yale University 1892	*New Haven, Conn.*	146 Edwards st.
Frederick Carhart Adams, B.A. Williams College 1895	*Natick, Mass.*	91 Bristol st.
John Chester Adams, B.A. Yale University 1896	*Brookline, Mass.*	57 Wall st.
Alice Hopkins Albro, B.A. Bryn Mawr College 1890	*Mansfield, Pa.*	77 Grove st.
James Turney Allen, B.A. Pomona College 1895, M.A. Univ. of California 1896	*Claremont, Cal.*	574 P.
Mary Adèle Allen, B.A. Smith College 1886	*Holyoke, Mass.*	83 Grove st.
Walter Hinds Allen, B.A. Yale University 1895	*New Haven, Conn.*	58 W. D.
William Gilbert Anderson, M.D. Western Reserve Univ. 1883	*Cleveland, O.*	120 College st.
Gustav Albert Andreen, B.A. Augustana College 1881 and Yale University 1894	*New Haven, Conn.*	399 Elm st.
William Lucius Armstrong, B.A. Yale University 1889, M.D. Columbia Univ. 1893	*New York City*	A.
Munson Darwin Atwater, B.A. Indiana University 1894	*Bloomington, Ind.*	22 Carmel st.
Martha Austin, B.S. Smith College 1892	*Easthampton, Mass.*	83 Grove st.

William Bacon Bailey, B.A. Yale University 1894	*Springfield, Mass.*	22 Lynwood st.
Thomas Nelson Baker, B.A. Boston University 1893, B.D. Yale University 1896	*Eastville, Va.*	35 Foote st.
Edward Chauncey Baldwin, B.A. Yale University 1895	*W. Cornwall, Conn.*	82 Whalley av.
Edwin George Baldwin, B.A. Illinois College 1894	*Mendon, Ill.*	54 Garden st.
Ernest Hickok Baldwin, B.A. Yale University 1891	*Cheshire, Conn.*	Cheshire
Cecil Kittredge Bancroft, B.A. Yale University 1891	*Andover, Mass.*	102 N.
Harriet Anna Barber, B.A. Mt. Holyoke College 1894	*Seymour, Conn.*	Seymour
Bayard Barnes, PH.B. Yale University 1895	*New Haven, Conn.*	1442 Chapel st.
Emily Kellogg Beach, B.A. Mt. Holyoke College 1893	*New Haven, Conn.*	56 Whalley av.
Winchester Bennett, PH.B. Yale University 1897	*New Haven, Conn.*	258 Church st.
John Milton Berdan, B.A. Yale University 1895	*New York City*	90 High st.
Anna Hunt Billings, B.L. Smith College 1891	*Redlands, Cal.*	89 Whalley av.
Frederick Courtney Bishop, M.D. Yale University 1895	*New Haven, Conn.*	1223 Chapel st.
Leslie Dayton Bissell, PH.D. Yale University 1896	*New Haven, Conn.*	1010 Chapel st.
Alfred Guitner Bookwalter, B.A. Yale University 1897	*Toledo, Iowa*	163 York st.
Arthur Eli Booth, C.E. Yale University 1893	*Peace Dale, R. I.*	52 Howe st.
Malcom Booth, PH.B. Yale University 1879	*New Haven, Conn.*	12 Gill st.
Joseph Bowden, Jr., PH.D. Yale University 1897	*New Haven, Conn.*	90 Lake pl.
Zakar Elijah Boyajian, B.A. Euphrates College 1895	*Harpoot, Turkey*	129 High st.
William Edwin Breckenridge, B.A. Yale University 1893	*Montclair, N. J.*	A.
Arthur Brewer, PH.B. Yale University 1897	*New Haven, Conn.*	418 Orange st.
James Wallace Broatch, B.A. Yale University 1891	*Omaha, Nebr.*	67 Grove st.
Curtis Palmer Brown, PH.B. Yale University 1897	*New Haven, Conn.*	220 Lawrence st.
Ernest William Brown, PH.B. Yale University 1897	*New Haven, Conn.*	106 Sherman av.

Herbert Stanley Brown, B.A. Yale University 1896	*Detroit, Mich.*	596 P.
Philip Embury Browning, PH.D. Yale University 1892	*Brooklyn, N. Y.*	351 WH.
George Lincoln Bunnell, PH.B. Yale University 1896	*Bridgeport, Conn.*	63 W. D.
Otis Gridley Bunnell, PH.B. Yale University 1892	*Burlington, Conn.*	92 York sq.
Curtis Clark Bushnell, PH.D. Yale University 1895	*New Haven, Conn.*	92 York sq.
Harold Edgar Buttrick, B.A. Yale University 1894	*Brooklyn, N. Y.*	A.
Alexander Cameron, B.A. Carleton College 1896	*Duluth, Minn.*	119 W. D.
Burr Clark Chamberlin, PH.B. Yale University 1897	*Dalton, Mass.*	332 Temple st.
William Woods Chandler, B.A. Yale University 1896	*New Haven, Conn.*	31 High st.
Harvey Wood Chapman, B.A. Yale University 1896	*Bridgeport, Conn.*	Bridgeport
Charles Upson Clark, B.A. Yale University 1897	*Brooklyn, N. Y.*	15 E. D.
Esther Ann Clark, B.A. Univ. of Nebraska 1897	*Peru, Nebr.*	276 Orange st.
George Harry Clark, PH.B. Yale University 1896	*New Haven, Conn.*	125 Spring st.
Clement George Clarke, B. A. Yale University 1895	*Manhattan, Kan.*	219 York st.
Horace Edwin Clute, B.S. Pennsylvania College 1897	*Harrisburg, Pa.*	62 Lake pl.
Edward Day Collins, B.A. Yale University 1896	*Barton Landing, Vt.*	279 Crown st.
William Eugene Conklin, B.A. Trinity College 1893	*Hartford, Conn.*	73 Lake pl.
Hollie May Conrey, B.A. Nat'l. Normal Univ. 1894	*Lebanon, O.*	276 Orange st.
Charles Montague Cooke, Jr., B.A. Yale University 1897	*Honolulu, H. I.*	343 George st.
Lane Cooper, B.A. Rutgers College 1896	*New Brunswick, N. J.*	108 George st.
Alberta Linton Corbin, B.A. Univ. of Kansas 1893	*Lawrence, Kansas*	78 Dwight st.
Winifred Estelle Cowles, B.A. Woman's College of Baltimore 1897	*Derby, Conn.*	Derby
Otis Gilbert Crane, PH.B. Yale University 1897	*Bethlehem, Conn.*	231 York st.
Johannes Heinrich Cuntz, C.E. Renss. Polytechnic Inst. 1886, M.E. Stevens Inst. 1887	*Hoboken, N. J.*	64 High st.

Frederick Baldwin Curtis, B.A. Yale University 1897	*New Milford, Conn.*	1142 Chapel st.
George Barton Cutten, B.A. Yale University 1897	*Amherst, Nova Scotia*	Montowese
Arthur Ernest Davies, B.D. Yale University 1891	*London, England*	701 Chapel st.
Walter Wells Davis, B.A. Leland Stanford, Jr., Univ. 1897	*Maynard, Iowa*	163 York st.
Roger Sherman Day, Jr., B.A. Pomona College 1894	*Los Angeles, Cal.*	61 W. D.
Frederick Marcy DeForest, B.A. Yale University 1895	*Bridgeport, Conn.*	Bridgeport
Lee DeForest, PH.B. Yale University 1896	*Talladega, Ala.*	387 Temple st.
Dudley Brainard Deming, PH.B. Yale University 1897	*Litchfield, Conn.*	A.
Sherwood Owen Dickerman, B.A. Yale University 1896	*New Haven, Conn.*	Athens, Greece
John Cyrus Duncanson, B.A. Colgate University 1879	*New Haven, Conn.*	701 Chapel st.
John Joseph Dunn, B.A. Yale University 1895	*New Haven, Conn.*	542 Chapel st.
Edward Lewis Durfee, B.A. Yale University 1896	*Palmyra, N. Y.*	279 Crown st.
George Francis Eaton, B.A. Yale University 1894	*New Haven, Conn.*	70 Sachem st.
John Warren Edgerton, B.A. Trinity College 1894, M.A. Yale University 1896	*Middletown, Conn.*	Middletown
Gaston Holcomb Edwards, PH.B. Yale University 1897	*Granby, Conn.*	57 Prospect st.
Jay Glover Eldridge, B.A. Yale University 1896	*Penfield, N. Y.*	45 Lake pl.
Evore Evans, B.D. Yale University 1895	*Ellsworth, Conn.*	31 Beers st.
Arthur Woolsey Ewell, B.A. Yale University 1897	*Washington, D. C.*	101 W. D.
Charles Kingsley Fankhauser, B.A. Marietta College 1893, B.D. Yale University 1896	*Avon, Conn.*	121 Dwight st.
Hollon Augustus Farr, B.A. Yale University 1896	*Athol, Mass.*	Jena, Germany
Harry Ward Foote, PH.B. Yale University 1895	*New Haven, Conn.*	162 S. L.
Andrew Chesley Furbush, B.A. Yale University 1897	*Machias, Me.*	70 Howe st.
John Marshall Gaines, B.A. Yale University 1896	*New Haven, Conn.*	530 P.

Karl Frederick Geiser, PH.B. Upper Iowa University 1893	*Fayette, Iowa*	47 Lake pl.
George Wilbur Fiske Gillette, PH.B. Yale University 1896	*New Haven, Conn.*	9 Eld st.
William Anthony Granville, PH.D. Yale University 1897	*New Haven, Conn.*	487 Orange st.
Herbert Ernest Gregory, B.S. Gates College 1890, B.A. Gates 1895 and Yale Univ. 1896	*Neligh, Nebr.*	55 N. S. H.
John Lewis Gregory, PH.B. Yale University 1897	*Erie, Pa.*	147 College st.
Matthew Griswold, Jr., PH.B. Yale University 1888	*Erie, Pa.*	A.
Grace Guthrie, B.A. Bucknell Univ. 1894	*Lewisburg, Pa.*	80 Broadway
William Henry Hackett, B.A. Yale University 1893	*New Haven, Conn.*	143 West st.
Armenag Harutune Haigazian, B.A. Central Turkey College 1889, S.T.B. Hartford Theol. Seminary 1896	*Hadjin, Turkey*	22 E. D.
Archibald McClellan Hall, PH.D. Butler University 1892, B.D. Yale University 1897	*Irvington, Ind.*	8 E. D.
John Arthur Hall, PH.B. Yale University 1897	*New Haven, Conn.*	38 Lynwood st.
Josiah Harmar, PH.B. Yale University 1892	*Philadelphia, Pa.*	A.
Ella Isabel Harris, M.A. Waynesburg College 1892	*Westfield, N. J.*	132 College st.
Carl Axel Harström, M.A. Hobart College 1886	*Norwalk, Conn.*	Norwalk
Franke Stuart Havens, B.A. Yale University 1896	*Hartford, Conn.*	427 Temple st.
Herbert Edwin Hawkes, B.A. Yale University 1896	*New Haven, Conn.*	4 University pl.
Charlotte Williams Hazlewood, B.A. Wellesley College 1891	*Lynn, Mass.*	83 Grove st.
Edgar Laing Heermance, B.A. Yale University 1897	*New Haven, Conn.*	83 Wall st.
Theodore Woolsey Heermance, B.A. Yale University 1893	*New Haven, Conn.*	83 Wall st.
Yandell Henderson, B.A. Yale University 1895	*Louisville, Ky.*	80 Sachem st.
William Lester Henry, B.A. Yale University 1896	*Plattsburg, N. Y.*	26 Gill st.
William Milton Hess, B.A. Yale University 1896	*Philadelphia, Pa.*	67 W. D.
Mary Cornwall Hewitt, B.A. Smith College 1897	*New Haven, Conn.*	65 Dixwell av.

Clara Maria Hitchcock, PH.B. University of Chicago 1897	*Michigan City, Ind.*	34 Hillhouse av.
James Ladd Hitchcock, PH.B. Yale University 1897	*Buffalo, N. Y.*	371 Crown st.
Richard Thayer Holbrook, B.A. Yale University 1893	*Yonkers, N. Y.*	170 F.
Frederick Augustus Holden, B.A. Amherst College 1878	*Burlington, Conn.*	78 Dixwell av.
Frank Thomas Hooker, B.A. Yale University 1896	*Ontario Center, N. Y.*	402 Crown st.
Lemuel Robert Hopton, PH.B. Yale University 1896	*New Haven, Conn.*	13 Lake pl.
Agnes Hunt, B.A. Smith College 1897	*Manchester, N. H.*	83 Grove st.
Arthur Howard Hutchinson, B.A. Univ. of Washington 1897	*Seattle, Wash.*	305 George st.
Lola Launnot Iddings, B.A. Vassar College 1889	*Orange, N. J.*	Orange
Charles Samuel Ingham, PH.D. Yale University 1896	*New Haven, Conn.*	102 N.
Howard Maxwell Ingham, PH.B. Yale University 1897	*Philadelphia, Pa.*	117 Wall st.
Holmes Condict Jackson, PH.B. Yale University 1896	*Newark, N. J.*	36 Elm st.
Frank Mason Jeffrey, B.A. Yale University 1896	*Torrington, Conn.*	104 Park st.
William Julius Edward Jente, B.A. Yale University 1897	*New Haven, Conn.*	97 Bristol st.
Harry Benjamin Jepson, B.A. Yale University 1893, MUS.B. Yale University 1894	*New Haven, Conn.*	52 Howe st.
Frederic Blair Johnson, B.A. Yale University 1896	*Boston, Mass.*	A.
Peter Adelstein Johnson, PH.B. Tabor College 1893, B.D. Yale University 1897	*Marshall, Minn.*	17 E. D.
William Smythe Johnson, M.A. Ouachita Bapt. College 1895	*Arkadelphia, Ark.*	47 Lake pl.
Edward Clinton Jones, B.A. Yale University 1895	*New Haven, Conn.*	84 William st.
Louis Cleveland Jones, B.A. Yale University 1896	*E. Durham, N. Y.*	1010 Chapel st.
Alfred Sewell Kedzie, PH.B. Adrian College 1891, B.A. Adrian College 1893	*New Haven, Conn.*	58 Park st.
Albert Galloway Keller, B.A. Yale University 1896	*Milford, Conn.*	598 P.
George Dwight Kellogg, B.A. Yale University 1895	*Cambridge, Mass.*	90 S. M.

Edward Gridley Kendall, B.A. Yale University 1895	*New Haven, Conn.*	62 Lake pl.
James Malcolm Kendall, B.A. Bucknell University 1894 and Yale University 1895	*New Haven, Conn.*	62 Lake pl.
Norton Adams Kent, B.A. Yale University 1895	*New Haven, Conn.*	590 P.
Edward Martin Kindle, B.A. Indiana University 1893, M.S. Cornell University 1896	*Franklin, Ind.*	347 York st.
Richard Shelton Kirby, PH.B. Yale University 1896	*Port Chester, N. Y.*	317 Crown st.
Charles Fronefield Kloss, B.A. Pennsylvania College 1894	*Tyrone, Pa.*	62 Lake pl.
David Albert Kreider, PH.D. Yale University 1895	*New Haven, Conn.*	505 Elm st.
Maurice Lacroix, Gymnase de Genève 1887	*Geneva, Switzerland*	131 Dwight st.
Howard La Field, B.A. Yale University 1891	*Delafield, Wisc.*	A.
Joshua Larson, B.A. Augustana College 1889	*Altona, Ill.*	149 St. John st.
Frederick Palmer Latimer, B.A. Yale University 1897	*Montville, Conn.*	41 E. D.
Harvey Merrill Lawson, PH.B. Yale University 1890, B.D. Yale University 1893	*New Haven, Conn.*	92 Park st.
Edward Herman Lay, B.A. Yale University 1894	*New London, Conn.*	A.
Bertram Augustus Lenfest, B.S. Mass. Inst. Technol. 1890	*New Haven, Conn.*	82 Dickerman st.
Charlton Miner Lewis, B.A. Yale University 1886, LL.B. Columbia Univ. 1889	*New Haven, Conn.*	213 D.
Edwin Hoyt Lockwood, M.E. Yale University 1892	*New Canaan, Conn.*	55 Prospect st.
Laura Emma Lockwood, M.A. Univ. of Kansas 1894	*Lawrence, Kansas*	78 Dwight st.
Lewis Ira Loveland, B.A. Amherst College 1896	*New Haven, Conn.*	83 Park st.
Arthur Lovell, B.A. Yale University 1892	*Plainfield, N. J.*	A.
Bertha Ellen Lovewell, B.L. Washburn College 1889	*Topeka, Kansas*	21 Lynwood st.
Frank Ranney Luckey, B.S. Cornell University 1882, B.D. Yale University 1888	*New Haven, Conn.*	191 Bradley st.
Frederick Bliss Luquiens, B.A. Yale University 1897	*New Haven, Conn.*	201 Bishop st.

Cloyd North McAllister, B.A. Yale University 1892	*New Haven, Conn.*	33 Lake pl.
Eugene Irving McCormac, B.S. Upper Iowa University 1896	*Sumner, Iowa*	47 Lake pl.
Charles Stedman Macfarland, B.D. Yale University 1897	*Melrose, Mass.*	23 E. D.
John Graham McIvor, B.D. University of Glasgow 1885	*New Dominion, P. E. I., Canada*	118 W. D.
John Robert McNeille, B.A. Yale University 1897	*Pine Bluffs, N. C.*	484 Orange st.
Walter Dunham Makepeace, B.A. Yale University 1897	*Springfield, Mass.*	15 E. D.
Winfield Scott Manship, B.A. Wesleyan University 1886, B.D. Yale University 1889	*S. Meriden, Conn.*	S. Meriden
Milton Mozart Marble, B.A. Harvard University 1889	*New Haven, Conn.*	76 Howe st.
William Crosby Marshall, M.E. Yale University 1894	*Cromwell, Conn.*	472 Orange st.
Matataro Matsumoto, B.A. Imperial Univ. of Japan 1893	*Tokyo, Japan*	119 Park st.
Alfred Kindred Merritt, B.A. Yale University 1893	*Brainerd, Minn.*	267 L.
James Brittain Miller, B.D. Yale University 1894	*New Haven, Conn.*	123 W. D.
Robert Hume Miller, B.A. Yale University 1897	*New Haven, Conn.*	133 Wall st.
Edward Eastman Minor, PH.B. Yale University 1896	*New Haven, Conn.*	123 Columbus av.
Ishiro Miyaki, The Doshisha, Japan, 1894	*Kumamato, Japan*	46 E. D.
William Conger Morgan, B.A. Yale University 1896	*Albany, N. Y.*	395 Temple st.
Alice Jane Mott, M.A. University of Iowa 1894	*Faribault, Minn.*	263 Orange st.
Henry Hotchkiss Murray, PH.B. Yale University 1893	*Viola, Del.*	A.
Irene Tanner Myers, M.A. Bethany College 1889	*Wheeling, W. Va.*	140 College st.
George Henry Nettleton, B.A. Yale University 1896	*Boston, Mass.*	528 P.
Hester Dean Nichols, B.A. Wellesley College 1884	*Assonet, Mass.*	131 High st.
Edward Kramer Nicholson, B.A. Yale University 1896	*Bridgeport, Conn.*	Bridgeport
Theodore Woods Noon, B.A. Yale University 1896	*Cambridge, Mass.*	37 Lynwood st.
James Stanley North, PH.B. Yale University 1897	*New Britain, Conn.*	313 York st.

George Kingsley Olmstead, PH.B. Colorado College 1894	*Hartford, Conn.*	26 Lynwood st.
Charles Grosvenor Osgood, Jr., B.A. Yale University 1894	*Wellsboro, Pa.*	130 Howe st.
William Henry Owen, Jr., B.A. Yale University 1897	*New York City*	24 High st.
Frederick Morgan Padelford, B.A. Colby University 1896	*Calais, Me.*	139 Dwight st.
Elizabeth Hatch Palmer, B.A. Wellesley College, 1887	*Ipswich, Mass.*	70 Howe st.
William Huntington Parker, B.S. Worcester Polytechnic Institute 1893	*New Haven, Conn.*	648 Elm st.
Henry Francis Parmelee, PH.B. Yale University 1894 LL.B. Harvard Univ. 1897	*New Haven, Conn.*	28 Hillhouse av.
Mary Engle Pennington, PH.D. Univ. of Pennsylvania 1895	*Philadelphia, Pa.*	42 Lake pl.
William Kinney Pike, PH.B. Yale University 1897	*South Killingly, Conn.*	A.
Miles Albion Pond, PH.B. Yale University 1892	*Torrington, Conn.*	57 Grove st.
Comadore Edward Prevey, B.L. University of Wisconsin 1895	*Elroy, Wisc.*	366 Howard av.
Walter Franklin Prince, B.A. Yale University 1896	*Detroit, Me.*	296 Columbus av.
Charles Theodore Ramsden, PH.B. Yale University 1896	*Santiago de Cuba, Cuba*	A.
Arthur Wilfrid Ransome, PH.B. Univ. of California 1897	*Oakland, Cal.*	59 Grove st.
Frederick Archer Raymond, PH.B. Yale University 1896	*Norwalk, Conn.*	196 Grove st.
Edward Bliss Reed, PH.D. Yale University 1896	*Holyoke, Mass.*	351 WH.
Albert Sidney Reid, B.A. Drake University 1896	*New Haven, Conn.*	112 Olive st.
Chauncey Brewster Rice, PH.B. Yale University 1894	*New Haven, Conn.*	56 N. S. H.
Alfred Newton Richards, B.A. Yale University 1897	*Stamford, N. Y.*	62 Lake pl.
Ernest Gladstone Richardson, B.A. Dickinson College 1896	*Wallingford, Conn.*	Wallingford
Frederick Oscar Robbins, B.A. Yale University 1896	*Greenville, N. H.*	1040 Chapel st.
Ernest Lauren Robinson, B.A. Yale University 1894	*Cheshire, Conn.*	A.
Kernan Robson, M.A. Harvard University 1894	*N. Greenfield, O.*	65 York sq.
Ely Morgan Talcott Ryder, PH.B. Yale University 1896	*Danbury, Conn.*	10 Park st.

Teinosuke Sakata, The Doshisha, Japan, 1892	*Kyoto, Japan*	99 W. D.
Charles Edward Sargent, M.A. Bates College 1883	*New Haven, Conn.*	187 Lawrence st.
Grant Lincoln Schaeffer, B.A. Lebanon Valley College 1891, B.D. Yale Univ. 1897	*Oxford, Conn.*	Oxford
George Tucker Sellew, M.A. University of Rochester 1889	*New Haven, Conn.*	66 Kensington st.
Horace Emerson Setchell, PH.B. Yale University 1897	*New Haven, Conn.*	212 English st.
Martha Hale Shackford, B.A. Wellesley College 1896	*Dover, N. H.*	37 Howe st.
Joseph Earl Sheffield, B.A. Yale University 1894	*New York City*	A.
William Kent Shepard, PH.B. Yale University 1897	*New Haven, Conn.*	17 Whalley av.
Susan Smith Sheridan, B.A. University of Omaha 1897	*New Haven, Conn.*	519 Orange st.
Margaret Sherwood, B.A. Vassar College 1886	*Wellesley, Mass.*	37 Howe st.
Chohei Shirasu, The Doshisha, Japan, 1893	*Kobe, Japan*	438 Elm st.
Herbert Augustine Smith, PH.D. Yale University 1897	*New Haven, Conn.*	4 Mansfield st.
Nathan Ayer Smyth, B.A. Yale University 1897	*New Haven, Conn.*	328 Temple st.
Chester Stone Spencer, PH.B. Yale University 1894	*Guilford, Conn.*	A.
Frederick Clarence Spencer, PH.B. Yale University 1893	*Old Saybrook, Conn.*	58 N. S. H.
Frederick Noyes Sperry, M.D. Yale University 1894	*New Haven, Conn.*	76 Wooster st.
George Pratt Starkweather, M.E. Yale University 1894	*New Haven, Conn.*	344 Cedar st.
Alice Sterne, B.A. Smith College 1891, M.A. Columbia University 1896	*New York City*	37 College st.
Alfred Hall Stevens, PH.B. Yale University 1893	*Clinton, Conn.*	A.
Elbert Marcus Stevens, B.A. Univ. of South Dakota 1894	*Centerville, S. Dak.*	109 Bristol st.
Charles Emerson Stone, PH.B. Yale University 1889	*Andover, Mass.*	131 Grove st.
Frank Strong, PH.D. Yale University 1897	*New Haven, Conn.*	499 Winthrop av.
Wendell Melville Strong, B.A. Yale University 1893, M.A. Cornell University 1894	*Montclair, N. J.*	307 W.

Emerson Gifford Taylor, B.A. Yale University 1895	*Hartford, Conn.*	Hartford
Robert Longley Taylor, B.A. Hamilton College 1882	*New Haven, Conn.*	67 Mansfield st.
Daniel Webster Terry, Jr., B.A. Northwestern University 1892	*Claverack, N. Y.*	88 Lake pl.
Isaac Thomas, M.A. Yale University 1884	*New Haven, Conn.*	89 Trumbull st.
John Quillin Tilson, B.A. Yale University 1891, M.L. Yale University 1894	*Clear Branch, Tenn.*	566 P.
William Dyson Tuckey, B.A. Wesleyan University 1892	*Meriden, Conn.*	Meriden
William Valentine, PH.B. Yale University 1897	*New York City*	162 S. L.
Cornelius Vanderbilt, Jr., B.A. Yale University 1895	*New York City*	A.
Willard Gibbs VanName, B.A. Yale University 1894	*New Haven, Conn.*	121 High st.
Charles Vernon Vickery, PH.B. Nebraska Wesleyan Univ. 1896	*Bartley, Nebr.*	215 East st.
Clara Rosanna Walker, B.A. Wellesley Coll. 1886	*Needham, Mass.*	83 Grove st.
Claude Frederic Walker, B.S. Boston University 1894, PH.D. Yale University 1897	*Amherst, Mass.*	1010 Chapel st.
Minot Lester Wallace, B.A. Yale University 1897	*Derby, Conn.*	Derby
William Wood Wallace, B.A. Hamilton College 1890, B.D. Yale University 1896	*Middletown, N. Y.*	19 E. D.
J. E. Wallace Wallin, B.A. Augustana College 1897	*Stanton, Iowa*	182 Mansfield st.
Charles Henshaw Ward, B.A. Pomona College 1896	*Carpenteria, Cal.*	61 W. D.
Lulu Ware, B.S. Nat'l. Normal Univ. 1893	*Eaton, O.*	22 Trumbull st.
John Dorrance Warnock, B.A. Yale University 1893	*Cheshire, Conn.*	Cheshire
Charles Hyde Warren, PH.B. Yale University 1896	*Watertown, Conn.*	48 N. S. H.
Ulysses Grant Warren, PH.B. Syracuse University 1896	*Rancocas, N. J.*	41 E. D.
Chauncey Wetmore Wells, B.A. Yale University 1896	*Middletown, Conn.*	355 Willow st.
Jacob Westlund, B.A. College of Orebro, Sweden, 1885	*Lindsborg, Kan.*	218 Mansfield st.
Edward Moffat Weyer, B.A. Yale University 1895	*St. Louis, Mo.*	90 High st.

Lynde Phelps Wheeler, PH.B. Yale University 1894	*New Haven, Conn.*	2 Hillhouse av.
William Arthur Whitcomb, PH.B. Yale University 1895	*Glens Falls, N. Y.*	A.
Albert Beebe White, B.A. Yale University 1893	*Holbrook, Mass.*	105 Dwight st.
Caroline Louisa White, B.A. Mt. Holyoke College 1894	*Brookline, Mass.*	83 Grove st.
Charles Huntington Whitman, B.A. Colby University 1897	*Bangor, Me.*	66 Sherland av.
Marian Parker Whitney	*New Haven, Conn.*	Paris, France
Sarah Scovill Whittelsey, B.A. Radcliffe College 1894	*New Haven, Conn.*	367 Prospect st.
John Dorsey Wolcott, B.A. Univ. of Wisconsin 1895, M.A. Cornell University 1897	*Penn Yan, N. Y.*	22 Ashmun st.
Meyer Wolodarsky, PH.B. Yale University 1894	*New Haven, Conn.*	167 Kimberly av.
Sarah Elizabeth Woodbridge, B.A. Vassar College 1892	*Brooklyn, N. Y.*	132 College st.
Horace Hermon Woody, B.A. Earlham College 1892	*Guilford College, N. C.*	1157 Chapel st.
Alice Lincoln Wright, B.A. Wellesley College 1897	*New Haven, Conn.*	128 York st.
Charles Sterling Wyckoff, M.A. Rutgers College 1888	*Philadelphia, Pa.*	276 Elm st.
Seiichi Yamaguchi, The Doshisha, Japan, 1896	*Kyoto, Japan*	114 W. D.
Yoshi Yamaguchi, The Doshisha, Japan, 1896	*Kyoto, Japan*	351 Washington st.
Charles Hamline Zimmerman, M.A. Northwestern University 1891, PH.D. Yale University 1897	*Evanston, Ill.*	83 Grove st.

GRADUATE STUDENTS, 262

ACADEMICAL DEPARTMENT
(YALE COLLEGE)

SENIOR CLASS

George Haven Abbott	*Brookline, N. H.*	120 N.
James Frank Adams, B.A. Baylor Univ. 1896	*Celeste, Tex.*	106 N.
Carroll Storrs Alden	*Chicago, Ill.*	17 Lake pl.
Thomas Allen, 3d	*St. Louis, Mo.*	47 V.
Carl Emanuel Andreen	*New Haven, Conn.*	399 Elm st.
William Whiting Andrews, Jr.	*Cleveland, O.*	315 W.
Robert Wodrow Archbald, Jr.	*Scranton, Pa.*	371 WH.
Herman Nathaniel Baker	*Sunapee, N. H.*	112 N.
Abraham Rosecrans Baldwin	*Chicago, Ill.*	301 W.
Arthur Douglas Baldwin	*Maui, H. I.*	370 WH.
Carleton Henry Barclay	*Homer City, Pa.*	124 N.,
William Lockwood Barnett	*New Haven, Conn.*	27 College st.
Ashbel Hinman Barney	*New York City*	4 V.
Arthur Henry Bartlett	*Plainville, Conn.*	138 York st.
Samuel Eliot Bassett	*Wilton, Conn.*	124 N.
Abraham Burtis Baylis, Jr.	*Brooklyn, N. Y.*	8 V.
Clifford Edward Bear	*Lyons, N. Y.*	365 WH.
Norman Buckingham Beecher	*Hillsboro, O.*	375 WH.
Enoch Frye Bell	*N. Leominster, Mass.*	Dwight Hall
William Park Benjamin	*New London, Conn.*	44 V.
Burnham Carter Benner	*Wellesley, Mass.*	95 S. M.
Martin Toscan Bennett	*Hartford, Conn.*	180 LYC.
Edgar Hayes Betts	*Lansingburgh, N. Y.*	300 W.
Wyllys Rosseter Betts	*New York City*	49 V.
Luther Guy Billings	*Washington, D. C.*	125 N.
Hiram Bingham, Jr.	*Honolulu, H. I.*	125 N.
Isaac Bliss	*New Haven, Conn.*	318 Elm st.
Eugene Blumenthal	*New York City*	400 B.
Franklin Hendrickson Booth	*Newtown, N. Y.*	210 D.
Howard Seymour Borden	*New York City*	11 V.
Frank Joseph Born	*Poughkeepsie, N. Y.*	126 Wall st.
William Lodge Brett	*Matteawan, N. Y.*	67 Whalley av.
George Alexander Bridge	*Hazardville, Conn.*	103 N.
Zenas Marston Briggs	*New Bedford, Mass.*	402 Crown st.
Howard Futhey Brinton	*Westchester, Pa.*	97 N.
John Merritt Bromley	*New Haven, Conn.*	101 St. John st.

James Coffinberry Brooks	*Cleveland, O.*	41 V.
Daniel Joseph Brown	*Thompsonville, Conn.*	95 S. M.
Thomas Eckmund Brownlee, B.S. Westminster (Pa.) Coll. 1894	*Coitsville, O.*	348 Crown st.
Alexander Bunce	*Hartford, Conn.*	203 D.
Eugene Watson Burlingame	*Albany, N. Y.*	398 B.
Charles William Burnett	*Cincinnati, O.*	3 V.
Noah Arthur Burr	*Winchester, Conn.*	364 WH.
David DeForest Burrell	*New York City*	332 WH.
Eli Ives Butler	*Meriden, Conn.*	101 N.
Henry Emerson Butler	*Ogontz, Pa.*	370 WH.
Louis Henry Butterworth	*Brookfield, Mass.*	103 N.
Dallas Cannon Byers	*Allegheny, Pa.*	390 B.
Bertram Llewellyn Cadwalader	*San Francisco, Cal.*	342 WH.
William Patrick Callanan	*Hopkinton, Mass.*	97 N.
Robert Callender	*Providence, R. I.*	340 WH.
Andrews Storrs Campbell	*Enfield, Conn.*	138 York st.
Clifford Dudley Cheney	*South Manchester, Conn.*	178 LYC.
Colby Mitchell Chester, Jr., PH.B. Yale Univ. 1897	*Washington, D. C.*	332 Temple st.
Wilson Kelley Chisholm	*Cleveland, O.*	2 V.
Augustus Wilson Clapp	*St. Paul, Minn.*	328 W.
Bruce Clark	*Chicago, Ill.*	42 V.
Edward Lord Clark	*New Haven, Conn.*	398 B.
Horace Bushnell Clark	*Hartford, Conn.*	53 V.
Orrin Melville Clark	*Whitewood, S. Dak.*	154 F.
Ralph Ewing Clark	*Cincinnati, O.*	317 W.
Thadeous Hunt Claypool, B.A. Baylor Univ. 1895	*Joshua, Tex.*	108 N.
Augustus Frisbie Cleveland	*Oak Park, Ill.*	334 WH.
James Dickerson Coe	*Newark, N. J.*	17 V.
Henry Baldwin Cogswell	*Bridgeport, Conn.*	151 F.
Russell Ervin Colcord	*Peabody, Mass.*	151 F.
George Anderson Colston	*Baltimore, Md.*	22 V.
Molton Avery Colton	*New Haven, Conn.*	72 S. M.
Gilbert Sedgwick Cowan	*Louisville, Ky.*	287 W.
Nathaniel Hartley Cowdrey	*Edgewater, N. J.*	335 WH.
James Tilden Crane	*Newburgh, N. Y.*	328 W.
Raymond Moreau Crosby	*Grand Rapids, Mich.*	78 S. M.
Robert Henry Crowell	*Cleveland, O.*	23 V.
Henry Hastings Curran	*Englewood, N. J.*	377 WH.
Moreau Delano	*New York City*	62 V.
Marshall Jewell Dodge	*New York City*	62 V.
William Francis Dominick	*New York City*	367 WH.

Robert Graham Dun Douglass	*Orange, N. J.*	7 V.
Edgar Selah Downs	*Southington, Conn.*	120 N.
Philo Walker Drury, B.A. Western (Iowa) Coll. 1897	*Dayton, O.*	122 N.
Philip Earl Dudley	*New London, Conn.*	373 WH.
Dana Lee Eddy	*Leavenworth, Kansas*	261 L.
David Brewer Eddy	*Leavenworth, Kansas*	261 L.
Manfred William Ehrich	*New York City*	1 V.
George Ellis	*Pottsville, Pa.*	34 V.
Morris Upham Ely	*Brooklyn, N. Y.*	226 D.
Edward Octavius Emerson, Jr.	*Titusville, Pa.*	34 V.
William Gage Erving	*Hartford, Conn.*	352 WH.
Ray Llewellyn Evans	*Cincinnati, O.*	1044 Chapel st.
Thomas Mellon Evans	*McKeesport, Pa.*	13 V.
Charles Everett Farr	*Athol, Mass.*	168 F.
Fred Julius Fassett	*Waitsfield, Vt.*	161 F.
Malcolm Shiland Fearey	*Albany, N. Y.*	354 WH.
Morton Lazell Fearey	*Albany, N. Y.*	354 WH.
Joseph Livingston Fewsmith	*Newark, N. J.*	17 V.
Herbert Wescott Fisher	*New Haven, Conn.*	164 F.
Ashbel Parmelee Fitch, Jr.	*New York City*	11 V.
Henry Fletcher	*Brooklyn, N. Y.*	349 WH.
William Ruthven Flint	*Collinsville, Conn.*	123 N.
Justus Miles Forman	*Minneapolis, Minn.*	317 W.
John Elden Foster, B.A. Western (Iowa) Coll. 1897	*Toledo, Iowa*	122 N.
Charles Job Fowler	*Thompsonville, Conn.*	364 WH.
John Harold Fuller	*Barton Landing, Vt.*	123 N.
Charles Brownell Gage	*New York City*	257 L.
Morrell Walker Gaines	*Albuquerque, N. M.*	164 F.
Weston Spies Gales	*Elizabeth, N. J.*	238 D.
Herbert Draper Gallaudet	*Washington, D. C.*	256 L.
Arthur Thomas Galt	*Chicago, Ill.*	264 L.
Robert Thompson Garrison	*Pittsburg, Pa.*	9 V.
Robert Harvey Gay	*Burlington, Vt.*	340 WH.
Charles Frederick Gehrmann	*Peoria, Ill.*	372 WH.
Fred Macdonald Gilbert	*Brooklyn, N. Y.*	63 V.
David Halliday Moffat Gillespie	*Newburgh, N. Y.*	268 L.
Richard Butler Glaenzer	*New York City*	238 D.
Walter Godchaux	*New Orleans, La.*	35 V.
Otto Goldsmith	*Portland, Oregon*	312 W.
Charles Edmund Goodman	*St. Louis, Mo.*	372 WH.
Charles Archibald Goodwin	*Hartford, Conn.*	9 V.
Robert Hubbard Gould	*Bridgeport, Conn.*	373 WH.

Philip Sanford Goulding	*Wilmington, Vt.*	83 S. M.
Philip William Grece	*Jersey City, N. J.*	81 S. M.
Charles Welles Gross	*Hartford, Conn.*	63 V.
Eugene Hale, Jr.	*Ellsworth, Me.*	49 V.
William Browne Hale	*Chicago, Ill.*	40 V.
Philip Walbridge Hamill	*Chicago, Ill.*	178 LYC.
James Alexander Hamilton	*Caledonia, N. Y.*	16 V.
Taber Hamilton	*Fort Wayne, Ind.*	57 V.
George Arthur Hanford	*Syracuse, N. Y.*	413 B.
Archibald Cary Harrison	*New York City*	376 WH.
Joseph Hall Hart	*Cincinnati, O.*	9 Library st.
Winfred Morgan Hartshorn	*Colorado Springs, Col.*	264 L.
Harold Ames Hatch	*Brooklyn, Conn.*	55 V.
Adelbert Stone Hay	*Washington, D. C.*	5 V.
Abner Pierce Hayes	*Bethlehem, Conn.*	83 S. M.
Josiah Judson Hazen	*Haddam, Conn.*	226 D.
Daniel Learned Hebard	*Pequaming, Mich.*	159 Elm st.
James Francis Joseph Hennessey	*New Haven, Conn.*	641 State st.
John Joseph Higgins	*New Haven, Conn.*	569 Grand av.
Henry Winslow Hincks	*Bridgeport, Conn.*	63 V.
Charles Potter Hine	*Poland, O.*	202 D.
Frank Gilbert Hinsdale	*Pittsfield, Mass.*	42 V.
Lawrence Hitchcock	*Cleveland, O.*	6 V.
Robert Reynolds Hitt	*Washington, D. C.*	5 V.
Peter Hagner Holme	*Denver, Col.*	354 WH.
Ernest Howe	*Washington, D. C.*	39 V.
Robert Ernest Hume	*Ahmednagar, India*	260 L.
Robert Scott Hume	*Washington, D. C.*	10 V.
Frederick William Huxford	*Stamford, Conn.*	336 WH.
Charles Edward Ives	*Danbury, Conn.*	76 S. M.
Stuart Wells Jackson	*Philadelphia, Pa.*	10 V.
Warren Prescott Jackson	*Westborough, Mass.*	353 WH.
Thomas Martin James	*Kansas City, Mo.*	334 WH.
John Jay	*New York City*	178 LYC.
Job Edgar Johnson	*Summit, R. I.*	122 N.
Leeds Johnson	*New York City*	37 V.
Warren Bowditch Johnson	*Enfield, Conn.*	352 WH.
Carleton Coffin Jones	*Wilkes-Barré, Pa.*	202 D.
Junius Royal Judson	*Rochester, N. Y.*	219 D.
Leroy DeWolf Kellogg	*Chicago, Ill.*	316 W.
Sidney Robinson Kennedy	*Brooklyn, N. Y.*	368 WH.
Frederic Kernochan	*New York City*	12 V.
Everett Phoenix Ketchum	*New York City*	384 B.
Edwin Burruss King	*Warrenton, Va.*	376 WH.

Edward Hussey Knight, B.A. Wabash Coll. 1897	*Brazil, Ind.*	311 W.
Jerome Herrmann Koehler	*New York City*	157 York st.
David Thomas Leahy, Jr.	*Brooklyn, N. Y.*	54 V.
Augustus Canfield Ledyard	*Detroit, Mich.*	378 WH.
Frederick August Lehlbach	*Newark, N. J.*	316 W.
William Robertson Letcher	*Silver Creek, Ky.*	154 F.
Louis Samter Levy	*St. Louis, Mo.*	241 L.
Alexander Ingersoll Lewis	*Detroit, Mich.*	374 WH.
VanSinderen Lindsley	*Washington, D. C.*	48 V.
John Riley Livermore	*New York City*	33 V.
John Quentin Lockman	*New York City*	345 WH.
Oscar Loewi	*New York City*	1 V.
Franklin Atkins Lord	*Moorhead, Minn.*	101 N.
Dennis Joseph McCarthy	*Stafford Springs, Conn.*	119 N.
Julius Flake McDonald, B.A. Baylor Univ. 1897	*Abbott, Tex.*	106 N.
Theodore Alexander McGraw	*Detroit, Mich.*	367 WH.
Thomas Sabine McLane	*New York City*	39 V.
Jay Chandler McLauchlan	*Cleveland, O.*	383 B.
Paul Augustine McQuaid	*New Haven, Conn.*	1079 Chapel st.
Francis Sherwood Male	*Brooklyn, N. Y.*	353 WH.
George Tracy Marsh	*Lansingburgh, N. Y.*	337 WH.
Samuel Andrew Marshall	*Cromwell, Conn.*	80 S. M.
Julian Starkweather Mason	*Chicago, Ill.*	30 V.
Walter Meigs	*New York City*	7 V.
Charles Edmund Merrill, Jr.	*New York City*	14 V.
Orlando Paul Metcalf	*Pittsburg, Pa.*	55 V.
Seth Minot Milliken	*New York City*	55 V.
Sydney Knox Mitchell	*Lakeville, N. Y.*	72 S. M.
Grenville Dodge Montgomery	*Denver, Col.*	390 B.
George Colton Moore	*E. Hartland, Conn.*	119 N.
Gouverneur Morris, Jr.	*New York City*	383 B.
Mandeville Mullally	*Pendleton, S. C.*	76 S. M.
George Alphonsus Mullen	*Trumbull, Conn.*	120 High st.
George Hewitt Myers	*Washington, D. C.*	56 V.
Robert Christman Neal, Jr.	*Harrisburg, Pa.*	3 V.
Herbert Elwin Nims	*Ashburnham, Mass.*	108 Dixwell av.
Edward Norris	*New York City*	54 V.
John Treadwell Norton, Jr.	*Albany, N. Y.*	392 B.
Ernest Clapp Noyes	*Newton Center, Mass.*	161 F.
Norman Day Otis	*Wellsville, N. Y.*	219 D.
Rufus Melvin Overlander, LL.B. Yale University 1897	*New Haven, Conn.*	69 Church st.

William Satterlee Packer, Jr.	*Brooklyn, N. Y.*	385 B.
Brainard Warner Parker	*Washington, D. C.*	336 WH.
Grenville Parker	*New York City*	178 LYC.
John Randolph Paxton, Jr.	*New York City*	338 WH.
Charles Thomas Payne	*Cleveland, O.*	375 WH.
Darius Edward Peck	*Hudson, N. Y.*	377 WH.
William Hazen Peck	*New Britain, Conn.*	259 L.
Charles Henry Peix, Jr.	*Danbury, Conn.*	16 V.
Edward Carter Perkins	*Hartford, Conn.*	53 V.
George Bulkley Perry	*Southport, Conn.*	168 F.
Lemuel Gardner Pettee	*Sharon, Mass.*	107 N.
Pierre Rittenhouse Porter	*Kansas City, Mo.*	321 W.
William Stevens Ray	*Brooklyn, N. Y.*	368 WH.
Harold Sylvester Recknagel	*Brooklyn, N. Y.*	389 B.
Howard Dickinson Reeve	*Appleton, Wisc.*	338 WH.
Goodrich Barbour Rhodes	*Cincinnati, O.*	233 D.
Alfred Ernest Richards	*Hartford, Conn.*	142 F.
Fred Erwin Richardson	*Lancaster, N. H.*	242 Orchard st.
Robert Kimball Richardson	*New Britain, Conn.*	259 L.
George Minot Ripley	*St. Louis, Mo.*	112 N.
Julien Ashton Ripley	*New York City*	332 WH.
Maxwell Warren Rockwell	*S. Woodstock, Conn.*	105 N.
James Otis Rodgers	*Toledo, O.*	341 WH.
David Francis Rogers	*New Canaan, Conn.*	256 L.
John Shillito Rogers	*New York City*	6 V.
Robert Kilburn Root	*New Haven, Conn.*	119 College st.
Harry Hosmer Rowland	*Brooklyn, N. Y.*	257 L.
Samuel Kenley Ruick, Jr., B.A. De Pauw Univ. 1897	*La Grange, Ind.*	348 Crown st.
John Dunbar Rusher	*Brooklyn, N. Y.*	387 B.
Edward Sawyer	*Dover, N. H.*	180 LYC.
Herbert Adolph Scheftel	*New York City*	292 W.
George Gebner Schreiber	*Hoboken, N. J.*	180 LYC.
Jewett Hamilton Scranton	*Madison, Conn.*	10 V.
Worthington Scranton	*Scranton, Pa.*	371 WH.
William Edward Selin	*Chicago, Ill.*	128 N.
Frank Hiram Shall	*Little Falls, N. Y.*	299 W.
Francis McHenry Shaw	*Westminster, Md.*	18 V.
Frank William Sheehan	*West Haven, Conn.*	338 WH.
Ralph Henry Shone	*Camden, N. J.*	270 Orchard st.
William Jacob Shroder	*Cincinnati, O.*	218 D.
Henry Sillcocks	*Brooklyn, N. Y.*	349 WH.
Frank Hunter Simmons	*Brooklyn, N. Y.*	374 WH.
Archibald Delap Smith	*Brooklyn, N. Y.*	105 N.

Edward Burnham Smith	*Detroit, Mich.*	333 WH.
Henry King Smith	*New York City*	335 WH.
James Robinson Smith	*Hartford, Conn.*	203 D.
Thomas Max Smith	*Yonkers, N. Y.*	203 D.
Samuel Newton Spring	*Le Mars, Iowa*	107 N.
George Prichard Stimson	*Cincinnati, O.*	167 F.
Frank Raymond Stocker	*Jermyn, Pa.*	210 D.
Norman Arthur Street	*Chicago, Ill.*	47 V.
Edward Clark Streeter	*Chicago, Ill.*	378 WH.
Isaac Newton Swift	*Ypsilanti, Mich.*	341 WH.
Charles Howard Teeter	*East Stroudsburg, Pa.*	41 E. D.
Fred Wheeler Tenney	*Worcester, Mass.*	111 York st.
Alfred Howe Terry	*Knoxville, Tenn.*	30 Hillhouse av.
Roderick Terry, Jr.	*New York City*	4 V.
Wilmot Haines Thompson, Jr.	*East Orange, N. J.*	127 N.
Lawrence Thurston	*Whitinsville, Mass.*	260 L.
Ferrars Heaton Tows	*New York City*	37 V.
Edwin Bryant Treat	*Wallingford, Conn.*	218 D.
Hayes Quincy Trowbridge	*New Haven, Conn.*	21 V.
Robert James Turnbull, Jr.	*Morristown, N. J.*	29 V.
David Cushman Twichell	*Hartford, Conn.*	79 S. M.
Victor Morris Tyler	*New Haven, Conn.*	79 S. M.
William Newell Vaile	*Denver, Col.*	104 N.
Frederick Theodore vanBeuren, Jr.	*New York City*	8 V.
Walter Lewis Vaughan	*Louisville, Ky.*	287 W.
James Wolcott Wadsworth, Jr.	*Geneseo, N. Y.*	12 V.
Ernest Walker	*New York City*	357 WH.
George Young Wallace, Jr.	*Salt Lake City, Utah*	52 V.
John Aloysius Walsh	*Stamford, Conn.*	81 S. M.
John Wilson Walsh	*Chicago, Ill.*	337 WH.
Arthur Gustavus Ward	*Evans Mills, N. Y.*	74 S. M.
Charles McLean Warren	*Collinsville, Conn.*	74 S. M.
Gustavus Ericson Warren, B.A. Baylor Univ. 1895	*Burleson, Tex.*	108 N.
Pierce Noble Welch, Jr.	*New Haven, Conn.*	321 W.
John Welles	*Wethersfield, Conn.*	80 S. M.
Frederick Manfred Werner	*New York City*	423 Temple st.
Ezra Douglas Whitaker	*North Adams, Mass.*	343 WH.
Paul Whitin	*Northbridge, Mass.*	13 V.
Payne Whitney	*New York City*	30 V.
Edward Reed Whittemore	*New Haven, Conn.*	343 WH.
Ernest Wales Whittemore	*Rye, N. Y.*	339 WH.
Forsyth Wickes	*New York City*	29 V.
Herbert Budington Wilcox	*Summit, N. J.*	342 WH.

Horace Wilder Wilcox	*Painesville, O.*	23 V.
Arthur Baldwin Williams, Jr.	*Scranton, Pa.*	Dwight Hall
Arthur Collins Williams	*Hartford, Conn.*	142 F.
Lewis Mason Williams	*Glenville, O.*	2 V.
Frederick Ely Williamson	*Cleveland, O.*	41 V.
Harold Moffat Wilson	*Newburgh, N. Y.*	268 L.
Oliver Tousey Wilson	*Evanston, Ill.*	334 WH.
Henry Rogers Winthrop, Jr.	*New York City*	33 V.
John Munro Woolsey	*Englewood, N. J.*	78 S. M.
Howard Brown Woolston	*Philadelphia, Pa.*	305 George st.
Henry Burt Wright	*New Haven, Conn.*	339 WH.

SENIORS, 301

JUNIOR CLASS

Charles Westley Abbott	*Plainfield, N. J.*	344 WH.
John Brown Adams	*New York City*	19 V.
Mason Tyler Adams	*Amherst, Mass.*	310 W.
Robert Campbell Adams	*Brooklyn, N. Y.*	59 V.
Sullivan Dorr Ames	*Providence, R. I.*	294 W.
Robbins Battell Anderson	*Duluth, Minn.*	258 L.
Henry Cotheal Andrews	*Fishkill, N. Y.*	99 N.
Lorenzo Dibble Armstrong	*New York City*	28 V.
Albert Headley Atha	*Newark, N. J.*	254 L.
Edgar Atkin	*New York City*	128 High st.
George Edwin Atwood	*Norfolk, Conn.*	156 F.
George Philip Baker	*Union Hill, N. Y.*	89 S. M.
DeForest Baldwin	*New Haven, Conn.*	414 B.
Merwin Bolton Bangs	*New York City*	201 D.
William Augustus Barstow	*East Orange, N. J.*	66 V.
Charles Griswold Bartlett, Jr.	*Black Hall, Conn.*	380 WH.
Lewis Franklin Battey	*Putnam, Conn.*	411 B.
Luther Louis Beard	*Springfield, O.*	146 F.
Frederick George Beck	*New Haven, Conn.*	25 Warren pl.
Elmer Ellsworth Beeck	*New York City*	104 N.
Charles Augustus Belin	*Scranton, Pa.*	237 D.
Walter Frederic Bart Berger	*Denver, Col.*	325 W.
Coburn Dewees Berry, Jr.	*Nashville, Tenn.*	324 W.
John Bicknell	*W. Cummington, Mass.*	77 S. M.
Hugh Moffat Bissell	*Detroit, Mich.*	20 V.
Edward Baldwin Boise	*Grand Rapids, Mich.*	201 D.
John Harvey Borden	*Brooklyn, N. Y.*	285 W.
Henry Thornton Bowles	*New York City*	298 W.
John Boyce	*Schodack Landing, N. Y.*	100 N.
Samuel Gale Boyce	*Schodack Landing, N. Y.*	100 N.
David Milton Boyd	*St. Louis, Mo.*	297 W.
Nicholas Frederic Brady	*Albany, N. Y.*	28 V.
Charles Asahel Brayton, Jr.	*Cleveland, O.*	51 V.
Frederick Hiester Brooke	*Birdsboro, Pa.*	298 W.
Samuel Pearson Brooke	*Mt. Tabor, Oregon*	85 S. M.
Alfred Jerome Brown	*New York City*	308 W.
Jamot Brown	*Chicago, Ill.*	330 W.
Oliver Sarson Bryant	*Cincinnati, O.*	159 York st.
Robert Zimmerman Buchwalter	*Cincinnati, O.*	204 D.
Scovill McLean Buckingham	*Watertown, Conn.*	236 D.

Joseph Edmund Bulkley	*New York City*	250 York st.
Norman Macleod Burrell	*New York City*	208 D.
Charles Heald Burtis	*Orange, N. J.*	286 W.
Hugh Andrew Callahan	*Chicago, Ill.*	348 WH.
John Stark Cameron, Jr.	*Salt Lake City, Utah*	283 W.
John Perlin Camp	*Newington, Conn.*	121 York st.
Edward Thomas Canfield	*Thomaston, Conn.*	145 F.
Roger I. Capen	*Cincinnati, O.*	145 F.
Guy Mortimer Carleton	*Hartford, Conn.*	247 L.
John Dolph Carson	*Portland, Oregon*	355 WH.
Henry Wick Chambers	*Cleveland, O.*	322 W.
George Shepard Chappell	*New London, Conn.*	20 V.
Harold Clark Cheney	*New Haven, Conn.*	305 W.
Charles Frederick Childs	*Brattleboro, Vt.*	1010 Chapel st.
John Kirkland Clark	*Brooklyn, N. Y.*	249 L.
Gerhard Hutchison Cocks	*Brooklyn, N. Y.*	379 WH.
Clarence Eugene Coffin	*Indianapolis, Ind.*	64 V.
Ledyard Cogswell, Jr.	*Albany, N. Y.*	235 D.
Richard Mumford Coit	*Brooklyn, N. Y.*	262 L.
Harry Clifford Colwell	*Kittanning, Pa.*	327 W.
Charles Horace Conner, Jr.	*New Albany, Ind.*	347 WH.
William Boudinot Conner	*New Albany, Ind.*	347 WH.
Ralph Emerson Crandall	*Leonardsville, N. Y.*	166 York st.
William Eglin Curtiss	*Cleveland, O.*	36 V.
William Doran Cushman	*Buffalo, N. Y.*	348 WH.
William Dick Cutter	*Brooklyn, N. Y.*	109 N.
Robert Darling	*Brooklyn, N. Y.*	344 WH.
Charles Leroy Darlington	*Xenia, O.*	261 Crown st.
George Dautel	*Cleveland, O.*	43 V.
William Enright Davenport	*Bridgeport, Conn.*	144 F.
Frederick Martin Davies	*New York City*	46 V.
Arthur Wendell Davis	*Hartford, Conn.*	310 W.
Dwight Huntington Day	*Indianapolis, Ind.*	15 V.
Henry Ray Dennis	*New York City*	1044 Chapel st.
Harry Manford Dewey	*Oneida, N. Y.*	253 L.
Clarence Phelps Dodge	*New York City*	32 V.
Murray Witherbee Dodge	*New York City*	234 D.
John Victor Doniphan, Jr.	*Brooklyn, N. Y.*	285 W.
Charles Francis Doyle, Jr.	*Cohoes, N. Y.*	285 W.
Alfred Yartan Dubuque	*Albany, N. Y.*	158 F.
Leonidas John Durbin	*Williamstown, Pa.*	1044 Chapel st.
Milo Day Eames	*Buffalo, N. Y.*	555 P.
John Crouse Entrekin, Jr.	*Chillicothe, O.*	60 V.
Berne Holbrook Evans	*Pittsburg, Pa.*	346 WH.

John Lewis Evans	*Haverford, Pa.*	208 D.
Willard Ernest Everett	*Lowell, Mass.*	246 L.
Charles Maitland Fair	*Chicago, Ill.*	309 W.
Frederick Bliss Fallon	*Bridgeport, Conn.*	144 F.
Joseph Allen Farley	*Rochester, N. Y.*	239 D.
Thomas Wells Farnam	*New Haven, Conn.*	331 WH.
Horace Jewell Fenton	*Willimantic, Conn.*	159 F.
George Willis Field	*Worcester, Mass.*	109 N.
William Henry Field	*Rutland, Vt.*	15 V.
John Francis Flynn	*Meriden, Conn.*	251 Crown st.
Richard Earp Forrest	*Philadelphia, Pa.*	289 W.
Charles Root Fowler	*New Haven, Conn.*	156 F.
Frank Joseph Franey	*New Haven, Conn.*	121 Orchard st.
Charles Royall Frazer	*Cynthiana, Ky.*	304 W.
Lucius Pomeroy Fuller	*Willimantic, Conn.*	393 B.
Arthur Sullivan Gale	*Jacksonville, Fla.*	250 L.
Marvin Hayes Gates	*Kansas City, Mo.*	320 W.
Stewart Gilman	*Sioux City, Iowa*	60 V.
Samuel Anderson Gilmore	*Uniontown, Pa.*	231 D.
John Leo Gilson	*New Haven, Conn.*	77 Olive st.
Malcolm Glendinning	*Salt Lake City, Utah*	57 V.
Anson Conger Goodyear	*Buffalo, N. Y.*	306 W.
Frederick Augustus Gorham, Jr.	*Grand Rapids, Mich.*	295 W.
George Dana Graves	*Manchester, N. H.*	147 F.
Charles Abbott Greene	*Fairport, N. Y.*	98 N.
Joseph Warren Greene, Jr.	*Brooklyn, N. Y.*	92 S. M.
Louis Freeman Greene	*Albion, N. Y.*	1044 Chapel st.
William Edward Schenck Griswold	*Erie, Pa.*	380 WH.
Morris Groves	*New York City*	22 College st.
Harry Randolph Guggenheimer	*New York City*	252 L.
Keith Osmond Guthrie	*Albany, N. Y.*	212 D.
Alfred Bates Hall	*Chester, Conn.*	379 WH.
Francis Jenks Hall	*Brookville, Pa.*	250 L.
Arthur Sears Hamlin	*Canandaigua, N. Y.*	356 WH.
William Stitt Hannon	*Cleveland, O.*	36 V.
Mervin Clark Harvey	*Cleveland, O.*	51 V.
Charles Montgomery Hathaway, Jr.	*Olyphant, Pa.*	172 F.
John Dunham Hawes	*Chicago, Ill.*	50 V.
Samuel Mills Hawley	*Bridgeport, Conn.*	331 WH.
Charles Edward Hay, Jr.	*Springfield, Ill.*	333 WH.
Fred. Charles Hecker	*Noroton, Conn.*	232 D.
George Edward Hecker	*Noroton, Conn.*	232 D.
Isham Henderson	*Louisville, Ky.*	110 N.
James Poland Henry	*Cincinnati, O.*	204 D.

Charles Jonathan Herrick	*Albany, N. Y.*	405 B.
Thomas Denison Hewitt	*Brooklyn, N. Y.*	358 WH.
William Edwin Hilliard	*New Haven, Conn.*	59 Lake pl.
Edward Foote Hinkle	*Ashland, Wisc.*	289 W.
William Churchill Hodge, Jr.	*Buffalo, N. Y.*	255 L.
Melvin Tilden Holbrook	*Sharon, Mass.*	113 N.
Nelson Clarke Holland	*Buffalo, N. Y.*	19 V.
Henry Hutchinson Hollister, Jr.	*New York City*	234 D.
Stuart Holt	*New York City*	402 B.
Donald Russell Hooker	*New Haven, Conn.*	350 WH.
Richard Hooker	*New Haven, Conn.*	235 D.
Tredwell Gardner Hopkins	*New York City*	242 L.
Thomas Attwood Horton	*Albany, N. Y.*	550 P.
Frederick Hotze	*New York City*	147 F.
George William Humphreys	*Cohoes, N. Y.*	113 N.
George Pelton Hutchins	*Brooklyn, N. Y.*	228 D.
Carl Gottfried Jahn, Jr.	*Columbus, O.*	252 L.
William Sterling Johnson, Jr.	*East Orange, N. J.*	66 V.
Arthur Edgar Jones, Jr.	*Denver, Col.*	89 S. M.
Ellis Oliver Jones, Jr.	*Columbus, O.*	253 L.
Clay Eugene Jordan	*St. Louis, Mo.*	1090 Chapel st.
Charles Edward Julin	*Chicago, Ill.*	128 N.
Thomas Kearny	*New York City*	270 L.
Robert Henry Keener	*St. Joseph, Mo.*	366 WH.
William Roderick Kelley	*Chicago, Ill.*	309 W.
MacIntosh Kellogg	*New York City*	58 V.
George Angelo Kernan	*Utica, N. Y.*	322 W.
Fred Alonzo King	*Portland, Me.*	266 L.
Harry Davis Kingsbury	*New Haven, Conn.*	35 V.
Albert Hezekiah Kirtland	*Chester, Conn.*	134 College st.
Joseph Harvey Kitchen	*Cleveland, O.*	212 D.
Samuel Preston Knight	*Middletown, N. Y.*	221 D.
William DeLancey Kountze	*New York City*	46 V.
Victor Alexander Kowalewski	*New Haven, Conn.*	86 Second st.
Thomas Fisher Lawrence	*Hartford, Conn.*	305 W.
Ebenezer Learned	*Norwich, Conn.*	222 D.
Teng Hwee Lee	*Batavia, Java*	70 Edgewood av.
Walter Clark Lee	*Oxford, N. Y.*	231 D.
Russell Cornell Leffingwell	*Yonkers, N. Y.*	324 W.
Charles Philip Leonard	*Niantic, Conn.*	88 S. M.
Frederick Morton Leonard	*Brooklyn, N. Y.*	128 High st.
Othniel Bliem Lessig	*Pottstown, Pa.*	286 W.
Edwin Tuttle Lewis	*Brooklyn, N. Y.*	228 D.
Everson Howard Lewis	*Syracuse, N. Y.*	395 B.

Oswald Lockett, Jr.	*Chicago, Ill.*	45 V.
Robert Payson Loomis	*Brooklyn, N. Y.*	240 D.
Arthur Wayland Lovell	*New Haven, Conn.*	30 Grove st.
Alfred Richard Lowrie	*Elgin, Ill.*	222 D.
Leo Augustus Lynch	*Olyphant, Pa.*	106 W. D.
Alexander Joseph McCarthy	*Chicago, Ill.*	227 Crown st.
John Joseph McKone	*Hartford, Conn.*	A.
Thomas Skinker Maffitt	*St.Louis, Mo.*	318 W.
James McDevitt Magee	*Pittsburg, Pa.*	325 W.
Arthur Sitgreaves Mann	*Buffalo, N. Y.*	262 L.
Arthur Matthias Marty	*Kansas City, Mo.*	320 W.
Alexander Burr Marvin	*New Rochelle, N. Y.*	358 WH.
Huntington Mason	*Chicago, Ill.*	594 P.
Albert Joseph Mayer	*New Orleans, La.*	242 L.
Ballinger Mills	*Galveston, Tex.*	69 V.
George Henry Mitchell	*New York City*	290 W.
George Samuel Mittendorf	*New York City*	291 W.
Norton Thayer Montague	*Chattanooga, Tenn.*	237 D.
Benjamin Burges Moore	*New York City*	303 W.
Edward Colman Moore	*Moline, Ill.*	314 Crown st.
Joseph Harrison Morey	*Buffalo, N. Y.*	255 L.
Herbert Morean Morgan	*St.Louis, Mo.*	32 V.
Frederick Hitchcock Morley	*Colorado Springs, Col.*	394 B.
Henry Killam Murphy	*New Haven, Conn.*	85 Sachem st.
William Bigelow Neergaard	*Brooklyn, N. Y.*	1079 Chapel st.
William Barrett Neville	*Scranton, Pa.*	172 F.
Thomas Davidson Newmyer	*Connellsville, Pa.*	1142 Chapel st.
Henry James Nichols	*Binghamton, N. Y.*	248 L.
Edward Theodore Noble	*Wichita, Kan.*	64 V.
Hibbard Richard Norman, 2d	*Shewville, Conn.*	88 S. M.
John Pease Norton	*Los Angeles, Cal.*	248 L.
Winchester Noyes	*Brooklyn, N. Y.*	249 L.
Howard Laurence O'Fallon	*St.Louis, Mo.*	24 V.
George Sturges Oliver	*Pittsburg, Pa.*	346 WH.
Colman Stuart O'Loughlin	*Glens Falls, N. Y.*	59 V.
Harrison Grey Otis	*Cleveland, O.*	65 V.
Loring Bradford Packard	*Sharon, Mass.*	196 York st.
Holkins Palmer	*Summit, N. J.*	230 D.
Joseph Coolidge Palmer	*Syracuse, N. Y.*	306 W.
Francis Robert Parks	*Westfield, Mass.*	236 D.
Edward Spencer Parmelee	*New Haven, Conn.*	294 W.
Wilber Smith Peck, Jr.	*Syracuse, N. Y.*	296 W.
Edwin Starr Pickett	*New Haven, Conn.*	140 Sylvan av.
Howard Platt	*Poughkeepsie, N. Y.*	297 W.

Omar William Platt	*Milford, Conn.*	110 N.
Joseph Scovil Porter	*New Haven, Conn.*	293 W.
Philip Sheridan Potter	*North Adams, Mass.*	245 L.
Charles Alonzo Powers	*Cleveland, O.*	36 V.
Ord Preston	*Englewood, N. J.*	61 V.
Ernest Shirley Rastall	*Chicago, Ill.*	159 F.
Ossian Ray, Jr.	*Lancaster, N. H.*	203 York st.
John Reid, Jr.	*Yonkers, N. Y.*	67 V.
Frank Ridgely Rhodes	*St. Paul, Minn.*	233 D.
Howard Chandler Robbins	*Springfield, Mass.*	258 L.
Wallace Stuart Roberts	*Fairport, N. Y.*	98 N.
Elmer Wallace Robinson	*Meriden, Conn.*	Meriden
Lebbeus Harding Rogers, Jr.	*New York City*	118 College st.
William Hervy Rood	*Brookfield, Vt.*	1 TR.
Samuel Woodson Sawyer	*Independence, Mo.*	283 W.
Louis Henry Schutte	*Chicago, Ill.*	289 George st.
Marvyn Scudder	*New York City*	27 V.
David Lloyd Sears	*Hartford, Conn.*	403 B.
John Buss Seymour	*Bennington, Vt.*	85 S. M.
Harry Shaw	*Whitinsville, Mass.*	420 B.
Henry Robinson Shipman	*Hartford, Conn.*	564 P.
Cyrus Spottswood Shippen	*Southampton, N. Y.*	409 B.
Frank Erdman Simmons	*Chicago, Ill.*	159 F.
Edmund Pillsbury Smiley	*Chicago, Ill.*	245 L.
Alfred Cox Smith	*Clinton, Iowa*	388 B.
Barry Congar Smith	*East Orange, N. J.*	422 B.
Ernest Stanley Smith	*East Orange, N. J.*	422 B.
George Henry Smith	*Knoxville, Tenn.*	247 L.
Solomon Albert Smith	*Chicago, Ill.*	68 V.
Walter Byron Smith	*Chicago, Ill.*	68 V.
William Chapman Spelman, Jr.	*Brooklyn, N. Y.*	92 S. M.
Thomas Henry Spence	*Milwaukee, Wisc.*	293 W.
Carl Bovee Spitzer	*Toledo, O.*	25 V.
Constantine Demeter Stephanoff	*Bansko, Macedonia*	266 York st.
Walter Thomas Stern	*New York City*	302 W.
William Kerfoot Stewart	*Indianapolis, Ind.*	386 B.
Louis Ezekiel Stoddard	*New Haven, Conn.*	352 Temple st.
Sanford Stoddard	*Bridgeport, Conn.*	230 D.
Richard Udall Strong	*New Brunswick, N. J.*	1142 Chapel st.
Carroll Fuller Sweet	*Grand Rapids, Mich.*	295 W.
Charles Rufus Swift, Jr.	*West Hartford, Conn.*	246 D.
Henry Bruce Teller	*Central City, Col.*	166 York st.
Edward Thomas	*Thomaston, Conn.*	217 D.
Clarence Elmore Thompson, Jr.	*West Haven, Conn.*	217 D.

Chauncey Brewster Tinker	*Denver, Col.*	414 B.
Henry Hunt Tomkins, Jr.	*Denver, Col.*	67 V.
William Jessup Torrey	*Scranton, Pa.*	240 D.
Edward Andrew Tracy	*Island Pond, Vt.*	281 Crown st.
Edmund Quincy Trowbridge	*New Haven, Conn.*	21 V.
Ernest Truslow	*Summit, N. J.*	284 W.
Lester Ferris Turney	*Derby, Conn.*	Derby
Laurance Tweedy	*Danbury, Conn.*	69 V.
Edward Clark Upton	*Chicago, Ill.*	254 L.
Alfred Gwynne Vanderbilt	*New York City*	31 V.
Ralph Gibbs VanName	*New Haven, Conn.*	350 WH.
Frederick Dale Vincent	*Ashley, Pa.*	64 W. D.
Charles Henry Wagner	*Putnam, Conn.*	146 F.
George Lincoln Wakefield	*Wakefield, Mass.*	152 F.
Curtis Howe Walker	*West Haven, Conn.*	266 L.
Harry Brookings Wallace	*St.Louis, Mo.*	330 W.
William Godfrey Wallace	*Rochester, N. Y.*	64 W. D.
George Liggett Ward	*Lawrence, Mass.*	152 F.
Ezra Joseph Warner, Jr.	*Lake Forest, Ill.*	27 V.
Horace Byron Warner	*Penfield, N. Y.*	91 S. M.
Allan Warren	*Rockford, Ill.*	50 V.
Eliot Watrous	*New Haven, Conn.*	356 WH.
Moses Alford Watterson	*Cleveland, O.*	43 V.
Arthur Fitch Way	*Westfield, Mass.*	355 WH.
Joseph Walker Wear	*St.Louis, Mo.*	24 V.
Frederick Webster	*Galveston, Tex.*	91 S. M.
Charles Hopkins Welles, Jr.	*Scranton, Pa.*	240 D.
Guy Wellman	*Friendship, N. Y.*	318 W.
Walter Hart West	*St.Louis, Mo.*	65 V.
Frederick Willoughby Weston	*New York City*	290 W.
William Mersereau Wheeler	*Portville, N. Y.*	239 D.
Roger Sherman White, 2d	*New Haven, Conn.*	64 V.
William Fitz-Hugh Whitehouse, Jr.	*New York City*	31 V.
Isaac Newton Wyckoff Wilson	*Albany, N. Y.*	158 F.
James Eldredge Wilson	*Chicago, Ill.*	45 V.
Robert Rissler Wilson	*Cincinnati, O.*	291 W.
Edward Seymour Woodruff	*New York City*	397 B.
Thew Wright	*Buffalo, N. Y.*	391 B.
Edward Esher Yaggy	*Lake Forest, Ill.*	25 V.
Henry Bingham Bartlett Yergason	*Cincinnati, O.*	391 B.
Henry McClure Young	*St.Louis, Mo.*	251 L.
Truman Post Young	*St.Louis, Mo.*	251 L.

SOPHOMORE CLASS

Benjamin Stearns Adams	*Spencer, Iowa*	522 P.
Frederick Baldwin Adams	*Toledo, O.*	22 College st.
James Pinckney Adams	*Orange, N. J.*	263 L.
Walter Maxwell Adriance	*Wyoming, O.*	90 Whalley av.
Earle Alexander	*Elizabeth, N. J.*	22 College st.
Frederic Winthrop Allen	*Walpole, Mass.*	121 N.
Edwin Carlos Andrews	*Penn Yan, N. Y.*	1040 Chapel st.
Robert Lawrence Anthony	*Providence, R. I.*	153 F.
Harold Sears Arnold	*New Haven, Conn.*	24 Dwight pl.
Frank Marion Atterholt, Jr.	*Akron, O.*	220 D.
William Holt Averell, Jr.	*Rochester, N. Y.*	135 F.
Harry Woodruff Babcock	*Stonington, Conn.*	521 P.
John Harry Bailey	*New Haven, Conn.*	67 York st.
Alanson Judson Baker	*Gloversville, N. Y.*	569 P.
George Merrick Baker	*Hartford, Conn.*	120 High st.
Roscoe Chase Baker	*Billerica, Mass.*	583 P.
Lucius Barnes Barbour	*Hartford, Conn.*	551 P.
Norman Bardeen	*Syracuse, N. Y.*	406 B.
James Whitney Barney	*New York City*	22 College st.
Albert Munger Barrell	*Chicago, Ill.*	22 College st.
George Hiram Bartholomew	*New Haven, Conn.*	225 Sherman av.
William Chipp Bartholomew	*New Haven, Conn.*	225 Sherman av.
Norman Williams Bartlett	*Evanston, Ill.*	1076 Chapel st.
Stephen Russell Bartlett	*Hartford, Conn.*	216 D.
Frederick Pomeroy Bassett	*Cincinnati, O.*	369 WH.
Ernest Turrell Bauer	*Easton, Conn.*	120 High st.
Harry Judson Beardsley	*No. Woodbury, Conn.*	41 Howe st.
Allister McDonald Bell	*Orange, N. J.*	75 S. M.
Cogswell Bentley	*Rochester, N. Y.*	575 P.
Edward Houston Bindley	*Pittsburg, Pa.*	205 D.
Hugh Taylor Birch, Jr.	*Chicago, Ill.*	68 W. D.
Howard Bissell	*Buffalo, N. Y.*	522 P.
Frederick Arthur Blount	*Newport, Vt.*	96 S. M.
Ferdinand William Blumenthal	*New York City*	248 York st.
Howard Boocock	*Brooklyn, N. Y.*	22 College st.
George Noyes Boyd	*W. New Brighton, S. I., N. Y.*	273 L.
Edward Green Bradford, Jr.	*Wilmington, Del.*	572 P.
Morgan Bulkeley Brainard	*Hartford, Conn.*	551 P.
Charles Edward Brinley	*Philadelphia, Pa.*	165 F.
John Penn Brock	*Lebanon, Pa.*	22 College st.

Clarence Whittlesey Bronson	*New Haven, Conn.*	1233 Chapel st.
Ezekiel Stoddard Bronson	*New Haven, Conn.*	22 College st.
Howard Logan Bronson	*New Haven, Conn.*	1233 Chapel st.
Charles Stephen Brooks	*Cleveland, O.*	567 P.
Kenneth Bruce	*Brooklyn, N. Y.*	148 F.
Jerome Herman Buck	*Albany, N. Y.*	314 Crown st.
Winthrop Buck	*Wethersfield, Conn.*	120 High st.
Kenneth Lovejoy Burns	*Seattle, Wash.*	421 B.
John Roberts Bushong	*Reading, Pa.*	174 F.
Albert Norton Butler	*Meriden, Conn.*	64 Whalley av.
Samuel Granger Camp	*Canaan, Conn.*	99 N.
Stuart Brown Camp	*West Winsted, Conn.*	271 L.
John Herbert Campbell	*Orange, N. J.*	159 Elm st.
Shiras Campbell	*Elizabeth, N. J.*	22 College st.
Charles Pond Capen	*St. Louis, Mo.*	22 College st.
Robert Davis Carey	*Cheyenne, Wyoming*	229 D.
Franklin Carter, Jr.	*Williamstown, Mass.*	26 V.
Charles Andrews Carver	*Chicago, Ill.*	174 F.
DeWitt Bellinger Casler	*Little Falls, N. Y.*	206 D.
Robert Woods Chandler	*New Haven, Conn.*	31 High st.
Donald Chappell	*New London, Conn.*	22 College st.
Frank Dexter Cheney	*S. Manchester, Conn.*	265 L.
Walter Lyon Chittenden	*Binghamton, N. Y.*	570 P.
John Werden Clark	*Old Saybrook, Conn.*	47 Lake pl.
Thomas Benedict Clarke, Jr.	*New York City*	1076 Chapel st.
William Rockwell Clarke	*Kansas City, Mo.*	22 College st.
Arthur Wilfred Clement	*Brooklyn, N. Y.*	72 W. D.
George Davis Coaney	*Summit, N. J.*	1040 Chapel st.
William Sloane Coffin	*New York City*	576 P.
George Musalas Colvocoresses	*Litchfield, Conn.*	1044 Chapel st.
Edwin Congdon, Jr.	*Clarendon, Vt.*	427 Temple st.
Norman George Conner	*Marshallton, Pa.*	89 Trumbull st.
Frank Cummings Cook	*Waterbury, Conn.*	134 F.
Louis Aldrich Cook	*South Weymouth, Mass.*	116 W. D.
Foster Crampton	*Brooklyn, N. Y.*	135 F.
Zenas Marshall Crane	*Dalton, Mass.*	381 WH.
Chauncey Morris Crawford	*Owego, N. Y.*	116 N.
Frank Taylor Crawford	*Mansfield, O.*	1076 Chapel st.
Morton Starr Cressy	*Hartford, Conn.*	130 F.
Walter Eaton Crittenden	*New Haven, Conn.*	104 Howe st.
Francis Cross, Jr.	*New Haven, Conn.*	448 Washington av.
John Walter Cross	*New York City*	165 F.
Richard Dudley Currier	*Bridgeport, Conn.*	169 F.
Jesse Dwight Dana	*Lewiston, Me.*	584 P.

Earl Ellithorpe Davidson	*Boston, Mass.*	211 D.
Joseph Edward Davis	*Davis, W. Va.*	229 D.
Julian Day	*New York City*	329 W.
Sidney Butler Dean	*St.Paul, Minn.*	570 P.
John Walter Decrow	*Boston, Mass.*	149 F.
Rede Leonard Delano	*New Bedford, Mass.*	175 F.
Charles David Deyo	*Kingston, N. Y.*	120 High st.
Robert Leonard Dodd	*Irasburg, Vt.*	96 S. M.
Malcolm Douglas	*Albany, N. Y.*	225 D.
Harry Augustus Dow	*Pittsfield, Ill.*	206 D.
Clare Hill Draper	*Hopedale, Mass.*	22 College st.
Dwight Chandler Drew	*Stowe, Vt.*	420 Temple st.
Guilford Duncan	*St.Louis, Mo.*	278 L.
Edward DeLancey Eaton	*Albany, N. Y.*	281 Crown st.
Frank Wales Eaton	*East Orange, N. J.*	132 F.
Richard Alvin Eble	*Newark, N. J.*	114 High st.
Stanley Wells Edwards	*Granby, Conn.*	120 High st.
Edward Porter Eggleston	*New London, Conn.*	141 F.
Stephen Benton Elkins, Jr.	*Elkins, W. Va.*	319 W.
Christopher Pegues Ellerbe, Jr.	*St.Louis, Mo.*	278 L.
Gayton Ballard Ellis	*Brooklyn, N. Y.*	521 P.
Edward Clarence Ellsbree	*Meriden, Conn.*	Meriden
Henry Edwards Ellsworth	*Simsbury, Conn.*	265 L.
Arthur Edgar Ely	*East River, Conn.*	183 LYC.
Orville Devere Estee	*Gloversville, N. Y.*	418 B.
Edward Bathurst Fackler	*New York City*	524 P.
Eugene Francis Farley	*Derby, Conn.*	Derby
John Sherlock Ferguson	*Stockholm, Sweden*	215 D.
Robert Ferguson	*Springfield, Mass.*	143 F.
Frank Farwell Ferry	*Lake Forest, Ill.*	237 York st.
Henry Martyn Field	*Boston, Mass.*	211 D.
Irving Leonard Fisher	*New York City*	121 N.
Wilfred Lester Foster	*Brooklyn, N. Y.*	183 LYC.
Alanson Gibbs Fox	*New York City*	269 L.
David Rowland Francis, Jr.	*St.Louis, Mo.*	209 D.
Laurence Frank	*Ogdensburg, N. Y.*	410 B.
Thomas Emlen Franklin	*Lancaster, Pa.*	215 D.
Charles Henry Frederick	*Westfield, N. J.*	205 Crown st.
Herbert Brewster Fuller	*Glen Ridge, N. J.*	139 F.
William Frederick Gillespie	*Stamford, Conn.*	139 F.
Frederic William Gladding	*Essex, Conn.*	1010 Chapel st.
Clifford Joseph Gleason	*Colebrook, N. H.*	19 Sylvan av.
John Elwin Gleason	*Oxford, N. Y.*	1010 Chapel st.
Arthur Stanley Goodwin	*Brooklyn, N. Y.*	326 W.

Harry Ellsworth Goss	*Lakeville, Conn.*	137 F.
Maurice Philippe Gould	*Wamego, Kansas*	333 York st.
Arthur Harmount Graves	*Hartford, Conn.*	120 High st.
George Green	*Gloversville, N. Y.*	116 W. D.
Edward Belden Greene	*Cleveland, O.*	567 P.
Edward Chace Greene	*Westminster, Conn.*	1010 Chapel st.
James Cowan Greenway	*Hot Springs, Ark.*	225 D.
Harold Humphrey Hackett	*New York City*	537 P.
Frank Eugene Hale	*Hartford, Conn.*	130 F.
William Rodman Hamlin	*Easthampton, Mass.*	143 F.
William Hight Harding, Jr.	*Brooklyn, N. Y.*	287 York st.
John Bryant Hartwell	*Providence, R. I.*	412 B.
Frederick Charles Havemeyer	*New York City*	22 College st.
Claude Baldwin Hawkins	*Columbia, Conn.*	146 College st.
Pliny Harold Hayes	*Buffalo, N. Y.*	408 B.
Harry Heaton	*Washington, D. C.*	333 York st.
Lyman Cook Hedge	*Burlington, Iowa*	269 L.
Thomas William Hefferan	*Grand Rapids, Mich.*	287 York st.
Howard Covode Heinz	*Pittsburg, Pa.*	22 College st.
Burns Henry	*Detroit, Mich.*	22 College st.
Edward Buffum Hill	*Yonkers, N. Y.*	541 P.
William Beck Hills	*Orange, N. J.*	205 Crown st.
George Lyman Hinckley	*Northampton, Mass.*	279 L.
Leonard Albert Hochstadter	*New York City*	22 College st.
John Morgan Hopkins	*Decherd, Tenn.*	279 L.
Harry Reeves Howell	*South Orange, N. J.*	82 S. M.
Thomas Andrews Howell, Jr.	*New York City*	271 L.
Christopher Hall Howes	*Yarmouth, Mass.*	305 George st.
George Wolcott Hubbell, Jr.	*Greenwich, Conn.*	273 L.
Clarence Powell Hulst	*Milwaukee, Wisc.*	60 W. D.
Henry Thomas Hunt	*Cincinnati, O.*	227 D.
Ralph Emerson Hutchinson	*Hubbardston, Mass.*	75 S. M.
Alonzo Frank Jack	*Pittsburg, Pa.*	64 W. D.
Hopkin Jenkins	*Portland, Oregon*	285 York st.
Herbert Russell Jenney	*Cincinnati, O.*	563 P.
Dale Crawford Jennings	*Pittsburg, Pa.*	160 F.
Bascom Johnson	*Washington, D. C.*	584 P.
Harry Otis Johnson	*Machias, Me.*	119 Wall st.
Owen McMahon Johnson	*New York City*	548 P.
William Savage Johnson	*Meriden, Conn.*	79 Wall st.
Charles Jones	*Seymour, Conn.*	47 Lake pl.
John Everett Keach	*Northampton, Mass.*	421 B.
Raymond George Keeney	*Somersville, Conn.*	381 WH.
Charles Alexis Kellogg, Jr.	*Carthage, Mo.*	114 N.

David Moulton Kellogg, Jr.	*New York City*	155 Elm st.
Franklin Kennedy	*Buffalo, N. Y.*	297 Crown st.
Lucius Collinwood Kingman	*Providence, R. I.*	153 F.
Allen Irving Kittle	*Ross, Cal.*	542 P.
John Henry Klosterman	*Portland, Oregon*	129 F.
Irving Gilliss Knox	*New York City*	537 P.
Preston Kumler	*Evansville, Ind.*	565 P.
Timothy Aloysius Leary	*Scitico, Conn.*	62 W. D.
Ashley Day Leavitt	*Melrose, Mass.*	87 S. M.
Samuel Samter Levy	*St. Louis, Mo.*	241 L.
Kenneth Dwight Lippincott	*Newton Centre, Mass.*	73 S.M.
Vincent Paddock Lobdell	*Brewster, N. Y.*	396 B.
Frederic Irving Lockman	*New York City*	538 P.
Hollister Logan	*Brooklyn, N. Y.*	100 W. D.
James Phinney Lombard	*Kansas City, Mo.*	22 College st.
Maurice Ennis Lombardi	*Houston, Tex.*	554 P.
James McMaster Long	*Pittsburg, Pa.*	205 D.
Gilbert Lovell	*Plainfield, N. J.*	140 F.
Cortlandt Francis Luce	*New Brighton, N. Y.*	214 D.
Henry William Lyman	*Greenfield, Mass.*	153 F.
George Armstrong Lyon, Jr.	*Erie, Pa.*	22 College st.
Malcolm Lee McBride	*Cleveland, O.*	568 P.
Thomas McCandless	*Meriden, Conn.*	20 Clark st.
George Sterling McCartin	*Watertown, N. Y.*	401 B.
Joseph Medill McCormick	*Chicago, Ill.*	22 College st.
Robert McCormick	*Harrisburg, Pa.*	22 College st.
Robert Hall McCormick, Jr.	*Chicago, Ill.*	382 WH.
William Marsh McCutchen	*Plainfield, N. J.*	163 F.
Louis Hanson McDuffee	*Rochester, N. H.*	46 College st.
Ernest Clare McGouldrick	*Machias, Me.*	157 F.
Charles Wylie McKelvey	*Bridgeport, Conn.*	22 College st.
Alexander Louis McKenzie	*Wareham, Mass.*	77 S. M.
William Chase Mackey	*Franklin, Pa.*	173 F.
Allan MacLean	*Litchfield, Conn.*	333 York st.
William Raymond Maloney, Jr.	*Poughkeepsie, N. Y.*	126 N.
William Proctor Malony	*Dundee, N. Y.*	1040 Chapel st.
Samuel Clinton Marty	*Kansas City, Mo.*	140 F.
Herbert Edwin Medway	*Scranton, Pa.*	314 Crown st.
Frederick Benjamin Merrels	*New Haven, Conn.*	30 Pearl st.
Dunlevy Milbank	*New York City*	557 P.
Jesse Wright Miller	*Houston, Tex.*	254 York st.
Rutger Bleecker Miller	*New York City*	1040 Chapel st.
Matthew Mills	*Chicago, Ill.*	280 L.
William Ernst Minor	*Covington, Ky.*	22 College st.

Charles Monson, Jr.	*New Haven, Conn.*	215 D.
Warner Moody	*Deadwood, S. Dak.*	22 College st.
Hobart Moore	*Chicago, Ill.*	546 P.
Joy Leslie Moore	*Camp Hill, Pa.*	126 N.
Sydney Byron Morton	*Maywood, Ill.*	114 N.
Henry Leo Moses	*Scranton, Pa.*	423 Temple st.
Fred Nash	*Northfield Farms, Mass.*	155 F.
William Horatio Nelson	*West Suffield, Conn.*	126 High st.
Albert Cordoza Newcombe	*New York City*	1076 Chapel st.
James Henry Niedecken	*Milwaukee, Wisc.*	329 W.
Wesley Eugene Nims	*Ashburnham, Mass.*	108 Dixwell av.
Crispin Oglebay	*Kansas City, Mo.*	274 L.
Eugene Walter Ong	*Cleveland, O.*	220 D.
Herman Max Opitz	*Norwich, Conn.*	144 Park st.
Clarence Eugene Ordway	*Winchester, Mass.*	583 P.
Walker Lavallette Otis	*New York City*	263 L.
Brace Whitman Paddock	*Pittsfield, Mass.*	22 College st.
Charles Randolph Page	*San Francisco, Cal.*	274 L.
Walter Sharp Page	*Columbus, O.*	592 P.
Dudley Chapin Palmer	*Chicago, Ill.*	1076 Chapel st.
Roland Swift Palmer	*Amenia, N. Y.*	1076 Chapel st.
Edwards Albert Park	*Gloversville, N. Y.*	593 P.
Roswell Miller Patterson	*New York City*	22 College st.
James Warren Payton	*Westfield, Mass.*	1016 Chapel st.
Leonard Adolph Peck	*Gloversville, N. Y.*	86 S. M.
Roger Crossman Peck	*North Bennington, Vt.*	419 B.
Frank Denison Pendleton	*Somersville, Conn.*	293 York st.
Charles Max Perry	*Portland, Me.*	131 F.
John Dodge Peters	*Great Barrington, Mass.*	129 F.
John Cleveland Phillips	*Putnam, Conn.*	68 W. D.
John Calhoun Pickett	*Northampton, Mass.*	86 S. M.
Edward Rundel Pidgeon	*Norwalk, Conn.*	380 George st.
William Post, Jr.	*New York City*	209 D.
Sylvester David Powell	*Easton, Conn.*	138 York st.
Horace Martin Poynter	*Shelbyville, Ky.*	227 D.
Oscar Stoddard Pulman, Jr.	*Albany, N. Y.*	162 F.
John Pierrepont Rice	*Santa Barbara, Cal.*	77 Elm st.
William Gray Ricker	*Ryegate, Vt.*	93 S. M.
Pliny Sexton Riggs	*Palmyra, N. Y.*	362 WH.
Reuben Buck Robertson	*Cincinnati, O.*	369 WH.
Charles Prescot Robinson	*Hornellsville, N. Y.*	9 Library st.
Percy Avery Rockefeller	*New York City*	22 College st.
Edward Clary Root	*Greenwich, Conn.*	581 P.
Sidney Clarence Rosenberg	*New Haven, Conn.*	103 Bishop st.

Adolph Hirsch Rosenfeld	*Owensboro, Ky.*	1010 Chapel st.
Malcolm Day Rudd	*Lakeville, Conn.*	233 York st.
Frank Henry Russell	*Bridgeport, Conn.*	148 F.
Robert Russell	*Canton, N. Y.*	1076 Chapel st.
Harry Granville Sanders	*Concord, N. H.*	138 F.
Walter Sidney Sanford	*Sherburne, N. Y.*	407 B.
William Edgar Schoyer	*Pittsburg, Pa.*	1076 Chapel st.
Richard Jewett Schweppe	*St. Louis, Mo.*	1076 Chapel st.
Warren Bartlett Seabury	*Dedham, Mass.*	277 L.
Walter Corwin Senger	*Port Jervis, N. Y.*	93 S. M.
William Edward Seymour	*New York City*	221 D.
Herman Shaffer	*Philadelphia, Pa.*	129 Howe st.
George Cass Shelby	*Grand Rapids, Mich.*	57 W. D.
George Preston Sheldon, Jr.	*Greenwich, Conn.*	240 D.
George Melville Shepherd	*New York City*	214 D.
Arthur Leighton Sherman	*Castleton, Vt.*	427 Temple st.
Wilfrid Halsted Sherrill	*Poughkeepsie, N. Y.*	162 F.
Franklin Victory Sikes	*Suffield, Conn.*	182 Mansfield st.
George Welch Simmons	*St. Louis, Mo.*	22 College st.
David Stanley Smith	*Toledo, O.*	7 Library st.
Harrison Preservèd Smith	*East Northfield, Mass.*	155 F.
Herbert Raymond Smith	*New London, Conn.*	163 F.
Rollin Aaron Spalding, Jr.	*Lynn, Mass.*	173 F.
Chauncey Blair Spears	*New York City*	553 P.
Howard Speer	*Cincinnati, O.*	361 WH.
Thomas Stack	*Harvey, N. B.*	129 Howe st.
Charles Alexander Starne	*Leadville, Col.*	166 F.
Charles Stetson	*Bangor, Me.*	280 L.
Robert Stevenson, Jr.	*Chicago, Ill.*	22 College st.
Edward Collins Stone	*Hartford, Conn.*	216 D.
Mason Albert Stone, Jr.	*New York City*	155 Elm st.
Lyman Brumbaugh Stookey	*Belleville, Ill.*	182 LYC.
William Brewster Stoskopf	*Freeport, Ill.*	277 L.
Corliss Esmonde Sullivan	*Cleveland, O.*	568 P.
Thomas Walter Swan	*Northampton, Mass.*	66 W. D.
Charles Christian Swartz	*S. Norwalk, Conn.*	1044 Chapel st.
John Walter Sweeney	*New Haven, Conn.*	219 Whalley av.
Hulbert Taft	*Cincinnati, O.*	22 College st.
Edward Hubbert Tatum	*Larchmont, N. Y.*	558 P.
Warner Varnum Taylor	*Wakefield, Mass.*	131 F.
George Bremner Tennant	*Waterbury, Conn.*	134 F.
David Darrow Tenney	*Minneapolis, Minn.*	540 P.
David Ogle Thomas	*Belleville, Ill.*	92 W. D.
Ralph Willis Thomas	*Anaconda, Mont.*	182 LYC.

Charlton Brice Thompson	*Covington, Ky.*	227 D.
Elbert Nevius Sebring Thompson	*East Orange, N. J.*	127 N.
Warren Parsons Thorpe	*Philadelphia, Pa.*	544 P.
Charles Lewis Tiffany, 2d	*New York City*	382 WH.
William Evarts Tracy	*Plainfield, N. J.*	46 College st.
Charles Terry Treadway	*Bristol, Conn.*	539 P.
Carlisle Bronson Tuttle	*Naugatuck, Conn.*	1142 Chapel st.
Raymond Lathrop Tweedy	*Binghamton, N. Y.*	554 P.
Reuben Carter Twichell	*Plantsville, Conn.*	22 College st.
Albert William VanBuren	*Lynn, Mass.*	261 Orange st.
Albert VanderVeer, Jr.	*Albany, N. Y.*	272 L.
Laurence VanDyke	*Milwaukee, Wisc.*	1076 Chapel st.
William Jerome Vogeler	*Baltimore, Md.*	1076 Chapel st.
Philip Cory Walcott	*Rutherford, N. J.*	87 S. M.
Elisha Walker	*New York City*	357 WH.
Gardner Colby Walworth	*Newton Centre, Mass.*	73 S. M.
Edgar Percy Ward	*Orange, N. J.*	132 F.
Thomas Watson	*Greenville, Pa.*	9 Library st.
Charles Ellingham Weeks	*Bridgeport, Conn.*	169 F.
Rudolph Frederick Weichert	*Danbury, Conn.*	119 Park st.
William Howard Weiss	*Schuylkill Haven, Pa.*	157 F.
Harry Hubbard Wells	*Brewster, N. Y.*	407 B.
George Hoyt Whipple	*Andover, Mass.*	138 F.
George Newell Whittlesey	*New Haven, Conn.*	135 Wall st.
Henry Parmelee Wickes	*New York City*	326 W.
Herbert Gilman Williams	*Rochester, N. Y.*	149 F.
William Biddle Williams	*Haverford, Pa.*	22 College st.
William Kingsley Williams	*Cheyenne, Wyoming*	80 Broadway
Charles Hulbert Wilson	*Pittsfield, Mass.*	406 B.
Keyes Winter	*Indianapolis, Ind.*	166 F.
Frederick Harvey Winters	*Indianapolis, Ind.*	553 P.
Harry Parker Wood	*Gloversville, N. Y.*	569 P.
Sydney Mixsell Wood	*Mt. Vernon, N. Y.*	272 L.
Herbert Charles Zellhoefer	*Brooklyn, N. Y.*	22 College st.

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FRESHMAN CLASS

Edward Bradford Adams	*Westport, Conn.*	9 Library st.
Frederick Blanchard Adams	*Utica, N. Y.*	61 Wolcott st.
Arthur Dwight Allen	*Louisville, Ky.*	599 P.
Charles Willis Allen	*Louisville, Ky.*	599 P.
John Raymond Allen	*W. Springfield, Mass.*	132 College st.
Walter Bateman Allen	*Hartford, Conn.*	586 P.
Brewster Frost Ames	*Albany, N. Y.*	53 Lake pl.
Ira Lincoln Anderson	*E. Orange, N. J.*	64 Lake pl.
Addison Clark Angus	*Oakham, Mass.*	111 N.
Fred. William Arlt	*Rockville. Conn.*	16 Canal st.
Ralph Kirk Askew	*Kansas City, Mo.*	1076 Chapel st.
Robert Lewis Atkinson	*St. Louis, Mo.*	22 College st.
Hugh Auchincloss	*New York City*	203 York st.
Henry Herbert Babcock	*Watertown, N. Y.*	24 High st.
Nathan Adolphus Baldwin, 2d	*Brooklyn, N. Y.*	1044 Chapel st.
Jasper Bayne	*New York City*	238 York st.
Clarence Edgar Belding	*Fitchburg, Mass.*	166 York st.
Frederick Beltz, Jr.	*Riverside, Conn.*	233 York st.
Augustus Bart Berger	*Denver, Col.*	155 Elm st.
Dudley Stuart Blossom	*E. Cleveland, O.*	217 York st.
Sidney Sewall Boardman	*New York City*	119 Wall st.
John Dutton Bogart	*New York City*	339 York st.
Frederick Douglass Bonner	*New Haven, Conn.*	37 Eaton st.
James Leonard Boyce	*Chicago, Ill.*	226 York st.
Edward Dudley Bradstreet	*Meriden, Conn.*	79 Wall st.
Herbert Whiting Brainerd	*Montreal, Canada*	1161 Chapel st.
Lewis Hollister Bronson	*New Haven, Conn.*	1233 Chapel st.
Frederick William Brooks, Jr.	*New York City*	126 Wall st.
Herbert Bruce Brougham	*Owego, N. Y.*	116 N.
Armitt Brown	*Burlington, N. J.*	223 D.
Edward David Brown	*Albany, Ga.*	86 W. D.
Edwin Hewitt Brown	*E. Cleveland, O.*	168 York st.
Francis Gordon Brown, Jr.	*Quogue, N. Y.*	203 York st.
Howard Melville Brown	*Comstock's Bridge, Conn.*	192 York st.
Lewis Paul Brown	*Des Moines, Iowa*	82 Wall st.
Charles Benedict Buckingham	*Watertown, Conn.*	281 L.
Lawrence Knight Butler	*Detroit, Mich.*	226 York st.
Eben McBurney Byers	*Allegheny, Pa.*	238 York st.
George Lyell Cadwalader	*San Francisco, Cal.*	155 Elm st.
Charles Washburn Cady	*Hartford, Conn.*	120 York st.

Morton David Cahn	*Chicago, Ill.*	223 York st.
Arthur Philip Callahan	*Chicago, Ill.*	318 Elm st.
Alexander Cameron, Jr.	*Brooklyn, N. Y.*	250 York st.
Howard Carleton	*Brooklyn, N. Y.*	552 P.
James Mandeville Carlisle	*Washington, D. C.*	558 P.
Thomas Carlton Carson	*Syracuse, N. Y.*	159 Elm st.
Luke Berne Carter	*Titusville, Pa.*	313 W.
Alexander Henry Carver	*Philadelphia, Pa.*	170 York st.
Lacey Davis Caskey	*Dresden, Germany*	64 High st,
George Lewis Catlin	*Bridgeport, Conn.*	29 High st.
John Walz Catron	*Santa Fé, N. M.*	318 Elm st.
Aims Reading Chamberlain	*Warwick, N. Y.*	333 York st.
John Bullard Chamberlain	*Unionville, Conn.*	159 York st.
Harold Chappell	*New London, Conn.*	22 College st.
Moses Fowler Chase	*Lafayette, Ind.*	248 York st.
Philip Cheney	*S. Manchester, Conn.*	270 Crown st.
Thomas Langdon Cheney	*S. Manchester, Conn.*	270 Crown st.
James Harold Childs	*Pittsburgh, Pa.*	1076 Chapel st.
Frank Miller Chisholm	*Savannah, Ga.*	217 York st.
Henry Chisholm	*E. Cleveland, O.*	217 York st.
George Peters Chittenden	*New York City*	250 York st.
Henry Hall Christian	*Minneapolis, Minn.*	238 York st.
Emerson Brewer Christie	*Tarsus, Turkey*	368 Whalley av.
Samuel Hopkins Clapp	*Pawtucket, R. I.*	131 High st.
Fred Augustus Clark	*Scranton, Pa.*	155 Elm st.
George Barker Clark	*New York City*	22 College st.
George Maxwell Clark	*Brooklyn, N. Y.*	177 F.
Thomas Henry Clarkson	*Cambridge, Mass.*	1076 Chapel st.
William Pancoast Clyde, Jr.	*New York City*	250 York st.
Harold Bradford Colton	*Hartford, Conn.*	587 P.
Edward Joseph Condon	*Derby, Conn.*	Derby
Alfred Conkling Coxe, Jr.	*Utica, N. Y.*	580 P.
Sherman Lockwood Coy	*Lakeville, Conn.*	1076 Chapel st.
Owen Crawford	*Cincinnati, O.*	417 B.
John Leslie Crosthwaite, Jr.	*Buffalo, N. Y.*	231 York st.
Eugene Newton Curtis	*White Plains, N. Y.*	299 York st.
Henry Stiles Curtiss	*Cleveland, O.*	168 York st.
Theodore Walter Danziger	*New Orleans, La.*	248 York st.
William Edward Davis, Jr.	*Whitneyville, Conn.*	169 Orange st.
Charles Mills DeForest	*New Haven, Conn.*	387 Temple st.
Justus Gerhard Dettmer	*Brooklyn, N. Y.*	22 College st.
Shepard Dillingham	*New York City*	310 Elm st.
Fred Stone Dodson	*Andover, Mass.*	359 WH.
Edward Francis Donnelly	*Detroit, Mich.*	219 York st.

Barton Talcott Doudge	*New York City*	238 York st.
William Joseph Downs	*Danbury, Conn.*	119 Park st.
George Adolph Droste	*Montclair, N. J.*	1142 Chapel st.
Charles Dupee	*Plainfield, N. J.*	333 York st.
Oliver Hall Eddy	*Evanston, Ill.*	250 York st.
Richard Henry Edwards	*Lisle, N. Y.*	523 P.
John Shepard Eells	*Ross Station, Cal.*	1076 Chapel st.
Frederick Benjamin Eiseman	*St. Louis, Mo.*	250 York st.
Eldridge Lyon Eliason	*Chestertown, Md.*	165 York st.
Henry Sturges Ely	*Binghamton, N. Y.*	600 P.
William Stickney Ewell	*Washington, D. C.*	34 Hillhouse av.
William Frederick Fanslow	*New Haven, Conn.*	53 Salem st.
Theodore Henry Ficke	*Lake Zurich, Ill.*	154 F.
John Arthur Findley	*Andover, Mass.*	360 WH.
James Louis Fiske	*S. Killingly, Conn.*	57 Prospect st.
Robert Sharp Fletcher	*New York City*	176 F.
Harry Monteith Flint	*Collinsville, Conn.*	123 N.
Lewis Edwards Fulton	*Waterbury, Conn.*	223 York st.
Leon Nathan Futter	*Hartford, Conn.*	144 Liberty st.
John Arthur Gardner	*New York City*	561 P.
Samuel Warren Gardner	*Maplewood, N. J.*	82 S. M.
Paul Titus Gilbert	*New Haven, Conn.*	224 Oak pl.
Roy Hawkes Gilpatrick	*Machias, Me.*	157 F.
Arthur Huntington Gleason	*S. Norwalk, Conn.*	559 P.
Harry Starin Gray	*New York City*	289 George st.
Clifford Greene	*Cincinnati, O.*	223 York st.
George Partridge Greenhalgh	*Lafayette, Ind.*	545 P.
John Payson Grosvenor	*Pomfret Centre, Conn.*	270 Crown st.
Frederic Reynolds Haight	*New Haven, Conn.*	410 Winthrop av.
Robert Earle Broughton Hall	*New Haven, Conn.*	121 Sherman av.
William Frederick Hamilton	*New Haven, Conn,*	131 Washington st.
Fred Gould Harris	*Cleveland, O.*	597 P.
Wells Southworth Hastings	*Morristown, N. J.*	556 P.
Ernest Hausberg	*Charles City, Iowa*	313 York st.
Henry Wilder Healy	*Brooklyn, N. Y.*	250 York st.
Lewis Edward Hemenway	*Manchester, Vt.*	150 College st.
Harold Stone Hetrick	*Canterbury, Conn.*	47 Lake pl.
Reuben Henry Hilton	*Newburgh, N. Y.*	313 York st.
Allan Mortimer Hirsh	*Richmond, Va.*	1044 Chapel st.
Augustus Conrad Hirth	*Hartford, Conn.*	120 High st.
William Reynolds Hitt	*Washington, D.C.*	170 York st.
Robert Burns Hixon	*La Crosse, Wisc.*	313 W.
Lester Shands Holmes	*New York City*	1136 Chapel st.
William Warner Hoppin, Jr.	*New York City*	203 York st.

John Huntington Hord	*Cleveland, O.*	217 York st.
Walter Bruce Howe	*Washington, D.C.*	1076 Chapel st.
Willard Duncan Howe	*W. Pittston, Pa.*	159 Elm st.
Warren Hoysradt	*Hudson, N. Y.*	1076 Chapel st.
William Southworth Hunt	*Chatham, N. J.*	333 York st.
William Hills Hutchins	*Indian Orchard, Mass.*	137 Wall st.
Edwin Lorenzo Howell Hutchinson	*Quogue, N. Y.*	289 George st.
Warren Sperry Jarvis	*Brooklyn, N. Y.*	22 College st.
Paul Bowen Alden Johnson	*Washington, D. C.*	560 P.
Charles Herbert Jones	*New York City*	313 York st.
Edmund Lawrence Jones	*Cincinnati, O.*	250 York st.
John William Joy	*Waterbury, Conn.*	391 George st.
Allan Wilkes Judd	*Honolulu, H. I.*	224 D.
Henry Pratt Judd	*Honolulu, H. I.*	224 D.
Albert Keep, 2d	*Chicago, Ill.*	155 Elm st.
Frederick Snow Kellogg	*Montclair, N. J.*	192 York st.
Luther Laflin Kellogg, Jr.	*New York City*	58 V.
Thomas Lake Kenney	*Suffield, Conn.*	14 Whalley av.
John Arthur Keppelman	*Reading, Pa.*	1076 Chapel st.
Perry Charles Kiefer	*Allegheny, Pa.*	231 York st.
Arthur Houghton Killen	*Dunkirk, N. Y.*	146 Dixwell av.
James Cuyler Kimball	*Governor's Island, N. Y.*	226 York st.
Henry Willis King	*Thompsonville, Conn.*	363 WH.
Arthur Edward Kingman	*Bridgeport, Conn.*	419 Temple st.
Ranulph Kingsley	*New Rochelle, N. Y.*	416 B.
Garrett Bergh Kip	*New York City*	543 P.
Edward Spring Knapp	*Bay Shore, N. Y.*	238 York st.
Dudley Bates Lawrence	*New York City*	238 York st.
Eliot Lee	*New York City*	168 York st.
Paul John Leidigh	*Kansas City, Mo.*	237 York st.
Norman Wilklow LeVally	*Chicago, Ill.*	120 College st.
Bernard Wesley Lewis	*Pittsburg, Pa.*	250 York st.
Edwin Colby Lewis	*St. Johnsbury, Vt.*	9 Library st.
Emory Hopewell Lindenberger	*Louisville, Ky.*	250 York st.
Wilford Williams Linsly	*New York City*	571 P.
Porter Hodge Linthicum	*Evansville, Ind.*	311 York st.
James Lee Loomis	*Granby, Conn.*	120 High st.
LaVerne Emery Lounsberry	*Lounsberry, N. Y.*	33 Wall st.
George Blakeman Lovell	*New Haven, Conn.*	30 Grove st.
Henry Sayrs McAuley	*Chicago, Ill.*	535 P.
Downer McCord	*Chicago, Ill.*	313 York st.
Andrew Smith McCreath, Jr.	*Harrisburg, Pa.*	1142 Chapel st.
Philip Rhodes McCurdy	*Cleveland, O.*	217 York st.
Robinson Barnes McFadon	*Chadron, Nebr.*	
Charles McLean	*Newport, R. I.*	219 York st.

Frank Barrows Makepeace, Jr.	*Springfield, Mass.*	111 N.
William Mills Maltbie	*Granby, Conn.*	94 S. M.
Louis Manierre	*Chicago, Ill.*	535 P.
Albert Hunt Marckwald	*Brooklyn, N. Y.*	552 P.
Frederick Griswold Mason	*Waterbury, Conn.*	333 York st.
Maurice Mason	*Chicago, Ill.*	588 P.
Everett Victor Meeks	*Stamford, Conn.*	110 Wall st.
Payson McLane Merrill	*New York City*	547 P.
Merritt Heminway Merriman	*Waterbury, Conn.*	281 L.
Walter Eugene Meyer	*New York City*	120 High st.
James Layng Mills	*Philadelphia, Pa.*	120 York st.
Norman Clyde Mills	*Brookville, Pa.*	293 York st.
Paul Lincoln Mitchell	*Cincinnati, O.*	254 York st.
Paul Miller Mohr	*Kansas City, Mo.*	237 York st.
Paul Dwight Moody	*E. Northfield, Mass.*	578 P.
William Gerald Dare Morgan	*New York City*	168 York st.
Reuben Hitchcock Morley	*Saginaw, Mich.*	233 York st,
Ray Morris	*New Haven, Conn.*	536 P.
David Holmes Morton	*Dobbs Ferry, N. Y.*	45 Lake pl.
Russell Mott	*Michigan City, Ind.*	1076 Chapel st.
Timothy Whitfield Mulford	*Kansas City, Mo.*	237 York st.
Harold Clark Neal	*Harrisburg, Pa.*	1142 Chapel st.
Reece Marshall Newport, Jr.	*St. Paul, Minn.*	591 P.
De Witt Clinton Noyes	*New York City*	573 P.
Herman Parker Olcott	*New York City*	19 Sylvan av.
Harry Smith Osborn	*East Hampton, N. Y.*	600 P.
Andrew Dickson Packer	*Brooklyn, N. Y.*	223 D.
Albert Robert Palmer	*E. Orange, N. J.*	7 Library st.
Edward Augustus Palmer, Jr.	*Montville, Conn.*	165 York st.
James Anderson Parker	*Louisville, Ky.*	74 W. D.
Morris Ketchum Parker	*New York City*	250 Crown st.
Robert William Parsons	*New York City*	120 York st.
Joseph Medill Patterson	*Chicago, Ill.*	238 York st.
William Alexander Penny	*Webster Groves, Mo.*	364 George st.
Walter Hart Perry	*Oxford, Conn.*	354 Whalley av.
Carrington Arah Phelps	*N. Colebrook, Conn.*	282 L.
Clarkson Potter	*St. Louis, Mo.*	250 York st.
William Sumner Pritchard	*Brockton, Mass.*	250 Crown st.
Stanley Burnet Resor	*Cincinnati, O.*	404 B.
Dorrance Reynolds	*Wilkes-Barré, Pa.*	1076 Chapel st.
George Vogdes Reynolds	*St. Louis, Mo.*	22 College st.
Edward Chauncey Rice, Jr.	*New York City*	238 York st.
Allan Harvey Richardson	*Waterbury, Conn.*	415 B.
Ralph Redpath Richardson	*St. Joseph, Mo.*	250 York st.
Frank McDonnell Camp Robertson	*Parish, N. Y.*	27 Lynwood av.

Thomas Markoe Robertson	*New York City*	549 P.
Lewis Whitworth Robson	*Pittsburg, Pa.*	231 York st.
Charles Edgar Rogers, Jr.	*Brooklyn, N. Y.*	177 F.
Ralph Ernest Rogers	*Rochester, N. Y.*	116 College st.
Thomas Wright Russell, Jr.	*Hartford, Conn.*	250 York st.
Frederick Richard Ryan	*New Haven, Conn.*	182 Lloyd st.
Clarence Rhodes Saunders	*Cleveland, O.*	233 York st.
Carl Frederick Francis Schulz	*Corona, N. Y.*	138 York st.
William Prescott Scott	*San Francisco, Cal.*	333 York st.
Herbert Scoville	*New York City*	226 York st.
Frank Rose Serles	*Hornellsville, N. Y.*	440 State st.
Henry Pleasants Shaw	*Lexington, Ky.*	125 High st.
Jacques Lewis Silverman	*Williamsport, Pa.*	122 Howe st.
Norton Myron Skiff	*Dundee, N. Y.*	7 Library st.
Ernest Walker Smith	*Hartford, Conn.*	585 P.
George Milton Smith	*New York City*	176 F.
Keith Spalding	*Chicago, Ill.*	562 P.
Richard Selden Spencer	*Deep River, Conn.*	1076 Chapel st.
Robert Vaughan Spencer	*Jasper, N. Y.*	119 Wall st.
Lester Morgan Spier	*Glens Falls, N. Y.*	1076 Chapel st.
William Arthur Stickney	*St. Louis, Mo.*	250 York st.
George Schley Stillman	*Brooklyn, N. Y.*	231 York st.
Emanuel Emory Straus	*Louisville, Ky.*	1044 Chapel st.
Prentice Strong	*New York City*	579 P.
Frederick William Struby	*Denver, Col.*	170 York st.
James Spencer Taintor	*Hartford, Conn,*	415 B.
Howard Frank Taylor	*New Haven, Conn.*	56 Carmel st.
Charles Thaddeus Terry	*Milan, Italy*	84 Wall st.
Arthur Abbot Thomas	*Providence, R. I.*	582 P.
Charles Ai Thomas	*New Milford, Conn.*	299 George st.
John Hudson Thomas	*Hudson, N. Y.*	523 P.
Leonard Moorhead Thomas	*Philadelphia, Pa.*	529 P.
Edwin Potter Thompson	*New Haven, Conn.*	56 Grove st.
Paul Thompson	*New Haven, Conn.*	132 Howe st.
Norman Campbell Thorne	*Central Valley, N. Y.*	196 Grove st.
Malvern Hall Tillitt	*Elizabeth City, N. C.*	196 Grove st.
Burton Isaac Tolles	*Ansonia, Conn.*	364 Orchard st.
John Canfield Tomlinson, Jr.	*New York City*	250 York st.
Winston Trowbridge Townsend	*New Haven, Conn.*	314 W.
Edward Everett Tredway	*Gloversville, N. Y.*	64 Lake pl.
Edwin Hotchkiss Tuttle	*New Haven, Conn.*	217 Mansfield st.
Lucius Tuttle	*New Haven, Conn.*	217 Mansfield st.
Burton Parker Twichell	*Hartford, Conn.*	586 P.
Kinsley Twining, Jr.	*Morristown, N. J.*	536 P.
Roger Pierpont Tyler	*New Haven, Conn.*	32 College st.

Edwin Orland Vaile, Jr.	*Oak Park, Ill.*	293 York st.
Fred Miller VanWicklen	*Brooklyn, N. Y.*	552 P.
Joseph Tilney Wadsworth	*Plainfield, N. J.*	64 High st.
Dana Lewis Walcott	*Rutherford, N. J.*	102 Park st.
Harold Sedgwick Wallace	*Ansonia, Conn.*	120 York st.
Richard Wilson Walsh	*Chicago, Ill.*	323 W.
Louis Frederick Walton	*New York City*	53 Lake pl.
Harry Edwin Ward	*Clinton, Conn.*	120 York st.
William Howe Warren	*Holden, Mass.*	9 Library st.
Cameron Beach Waterman	*Detroit, Mich.*	221 York st.
William Prime Wattles	*Philadelphia, Pa.*	577 P.
James Hutchinson Wear	*St.Louis, Mo.*	22 College st.
Albert Micajah Webb	*Bell Buckle, Tenn.*	409 Temple st.
Harvey Thomas Weeks, Jr.	*Chicago, Ill.*	248 York st.
George Arnold Welch	*Cleveland, O.*	217 York st.
Ralph Olney Wells	*Hartford, Conn.*	94 S. M.
Harry Dexter Wescott	*Haddonfield, N. J.*	279 Crown st.
Wilhelmus David Allen Westfall	*Montague, N. J.*	7 Library st.
Heywood Hotchkiss Whaples	*Hartford, Conn.*	585 P.
Frost Montaigne Wheeler	*St.Paul, Minn.*	282 L.
Carlton Taylor White	*Noroton, Conn.*	137 Wall st.
George Luther White, Jr.	*Waterbury, Conn.*	121 York st.
Ogden Watson White	*Waterbury, Conn.*	287 York st.
Oliver Martin Wiard	*New Britain, Conn.*	53 Lake pl.
Arthur Shaler Williams	*New Haven, Conn.*	282 Prospect st.
Bluford Wilson, Jr.	*Springfield, Ill.*	250 York st.
Edwin Barnes Wilson	*Claverack, N. Y.*	94 York sq.
Robert Bruce Wilson	*Portland, Oregon*	242 York st.
Convers Buckingham Woolsey	*Englewood, N. J.*	231 York st.
Theodore Salisbury Woolsey, Jr.	*New Haven, Conn.*	227 Church st.
Alfred Parks Wright	*New Haven, Conn.*	128 York st.
Arthur Peter Wright	*Baldwinsville, Mass.*	360 WH.
Jesse Sidney Wyler	*Cincinnati, O.*	525 P.
John Niel McLeod Wylie	*Philadelphia, Pa.*	261 Crown st.
Arthur Frederic Yaggy	*Lake Forest, Ill.*	226 York st.
Arthur Jewett Young	*Brunswick, Me.*	314 W.
George Ludington Young	*Chicago, Ill.*	1076 Chapel st.

FRESHMEN, 300

SUMMARY

SENIORS	301
JUNIORS	302
SOPHOMORES	338
FRESHMEN	300
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SHEFFIELD SCIENTIFIC SCHOOL

GRADUATE STUDENTS

Francis Mulliken Adams, PH.B. Yale University 1892	*New Haven, Conn.*	146 Edwards st.
Frederick Carhart Adams, B.A. Williams College 1895	*Natick, Mass.*	91 Bristol st.
Alice Hopkins Albro, B.A. Bryn Mawr College 1890	*Mansfield, Pa.*	77 Grove st.
William Gilbert Anderson, M.D. Western Reserve University 1883	*Cleveland, O.*	120 College st.
Munson Darwin Atwater, B.A. Indiana University 1894	*Bloomington, Ind.*	22 Carmel st.
Bayard Barnes, PH.B. Yale University 1895	*New Haven, Conn.*	1442 Chapel st.
Winchester Bennett, PH.B. Yale Universtty 1897	*New Haven, Conn.*	258 Church st.
Zakar Elijah Boyajian, B.A. Euphrates College 1895	*Harpoot, Turkey*	129 Howe st.
Arthur Brewer, PH.B. Yale University 1897	*New Haven, Conn.*	418 Orange st.
Curtis Palmer Brown, PH.B. Yale University 1897	*New Haven, Conn.*	220 Lawrence st.
Ernest William Brown, PH.B. Yale University 1897	*New Haven, Conn.*	106 Sherman av.
George Lincoln Bunnell, B.A. Yale University 1896	*Bridgeport, Conn.*	63 W. D.
Otis Gridley Bunnell, PH.B. Yale University 1892	*Burlington, Conn.*	92 York sq.
Burr Clark Chamberlin, PH.B. Yale University 1897	*Dalton, Mass.*	332 Temple st.
George Harry Clark, PH.B. Yale University 1896	*New Haven, Conn.*	125 Spring st.
Charles Montague Cooke, Jr., B.A. Yale University 1897	*Honolulu, H. I.*	343 George st.
Walter Wells Davis, B.S. Upper Iowa Univ. 1893, B.A. Leland Stanford Jr. Univ. 1897	*Maynard, Iowa*	163 York st.
Lee DeForest, PH.B. Yale University 1896	*Talladega, Ala.*	387 Temple st.
Dudley Brainard Deming, PH.B Yale University 1897	*Litchfield, Conn.*	A.
George Francis Eaton, B.A. Yale University 1894	*New Haven, Conn.*	70 Sachem st.
Gaston Holcomb Edwards, PH.B. Yale University 1897	*Granby, Conn.*	57 Prospect st.
Harry Ward Foote, PH.B. Yale University 1895	*New Haven, Conn.*	162 S. L.

George Wilbur Fiske Gillette, PH.B.
Yale University 1896 — *New Haven, Conn.* 9 Eld st.

Herbert Ernest Gregory, B.A.
Yale University 1896 — *Neligh, Nebr.* 55 N. S. H.

John Lewis Gregory, PH.B.
Yale University 1897 — *Cannon, Conn.* 147 College st.

Matthew Griswold, Jr., PH.B.
Yale University 1888 — *Erie, Pa.* A.

John Arthur Hall, PH.B.
Yale University 1897 — *New Haven, Conn.* 38 Lynwood st.

Josiah Harmar, PH.B.
Yale University 1892 — *Philadelphia, Pa.* A.

Yandell Henderson, B.A.
Yale University 1895 — *Louisville, Ky.* 80 Sachem st.

James Ladd Hitchcock, PH.B.
Yale University 1897 — *Buffalo, N. Y.* 371 Crown st.

Lemuel Robert Hopton, PH.B.
Yale University 1896 — *New Haven, Conn.* 13 Lake pl.

Howard Maxwell Ingham, PH.B.
Yale University 1897 — *Philadelphia, Pa.* 117 Wall st.

Holmes Condict Jackson, PH.B.
Yale University 1896 — *Newark, N. J.* 36 Elm st.

Norton Adams Kent, B.A.
Yale University 1895 — *Fordham, N. Y.* 590 P.

Richard Shelton Kirby, PH.B.
Yale University 1896 — *Port Chester, N. Y.* 317 Crown st.

Edwin Hoyt Lockwood, M.E.
Yale University 1892 — *New Canaan, Conn.* 55 Prospect st.

William Crosby Marshall, M.E.
Yale University 1894 — *New Haven, Conn.* 472 Orange st.

Edward Eastman Minor, PH.B.
Yale University 1896 — *New Haven, Conn.* 123 Columbus av.

Henry Hotchkiss Murray, PH.B.
Yale University 1893 — *Viola, Del.* A.

James Stanley North, PH.B.
Yale University 1897 — *New Britain Conn.* 313 York st.

Mary Engle Pennington, PH.D.
University of Pa. 1895 — *Philadelphia, Pa.* 42 Lake pl.

William Kinney Pike, PH.B.
Yale University 1897 — *S. Killingly, Conn.* A.

Miles Albion Pond, PH.B.
Yale University 1892 — *Torrington, Conn.* 57 Grove st.

Charles Theodore Ramsden, PH.B.
Yale University 1896 — *Santiago de Cuba, Cuba* A.

Frederick Archer Raymond, PH.B.
Yale University 1896 — *Norwalk, Conn.* 196 Grove st.

Chauncey Brewster Rice, PH.B.
Yale University 1894 — *New Haven, Conn.* 56 N. S. H.

Alfred Newton Richards, B.A. Yale University 1897	*Stamford, N. Y.*	62 Lake pl.
Ely Morgan Talcott Ryder, PH.B. Yale University 1896	*Danbury, Conn.*	10 Park st.
Horace Emerson Setchell, PH.B. Yale University 1897	*New Haven, Conn.*	212 English st.
William Kent Shepard, PH.B. Yale University 1897	*New Haven, Conn.*	17 Whalley av.
Chester Stone Spencer, PH.B. Yale University 1894	*Guilford, Conn.*	A.
Frederic Clarence Spencer, PH.B. Yale University 1893	*Old Saybrook, Conn.*	58 N. S. H.
George Pratt Starkweather, M.E. Yale University 1894	*New Haven, Conn.*	344 Cedar st.
Alfred Hall Stevens, PH.B. Yale University 1893	*Clinton, Conn.*	A.
William Valentine, PH.B. Yale University 1897	*New York City*	162 S. L.
Cornelius Vanderbilt, Jr., B.A. Yale University 1895	*New York City*	A.
Willard Gibbs VanName, B.A. Yale University 1894	*New Haven, Conn.*	121 High st.
Charles Hyde Warren, PH.B. Yale University 1896	*Watertown, Conn.*	48 N. S. H.
Lynde Phelps Wheeler, PH.B. Yale University 1894	*New Haven, Conn.*	2 Hillhouse av.
William Arthur Whitcomb, PH.B. Yale University 1895 and De Pauw University 1894	*Glen's Falls, N. Y.*	A.

GRADUATE STUDENTS, 60

SENIOR CLASS

Arba Kellogg Alford	*Winsted, Conn.*	133 Wall st.
Joseph Wright Alsop	*Middletown, Conn.*	133 College st.
Frederick Theodore Anderson	*New Haven, Conn.*	169 West st.
John Norman Anderson	*Norwich, Conn.*	169 West st.
Charles Gurney Atha	*Newark, N. J.*	119 Wall st.
Alfred Austell	*Atlanta, Ga.*	119 Wall st.
Nelson Maitland Ayers	*Fairview, N. J.*	36 Elm st.
Rowan Ayres	*Cincinnati, O.*	332 Temple st.
Richard Nicholls Barnum	*Lime Rock, Conn.*	131 Grove st.
Stanley Yale Beach	*Stratford, Conn.*	59 Grove st.
Bernhard Beinecke, Jr.	*New York City*	36 Elm st.
Hamilton Fish Benjamin	*Garrison-on-Hudson, N. Y.*	133 College st.
Edwin Carlton Blackman	*Fishkill-on-Hudson, N. Y.*	64 Edgewood av.
Cyrus Increase Bosworth	*Elgin, Ill.*	43 College st.
Robert Ernest Broatch	*Middletown, Conn.*	96 Wall st.
George Lockwood Brown	*Stamford, Conn.*	117 Wall st.
Paul Joe Brown	*Albany, Ga.*	86 W. D.
Robert Drake Brown	*Hartford, Conn.*	159 Elm st.
Daniel Frederick Buckingham	*Milford, Conn.*	261 Crown st.
Edwin Prall Campbell	*Paterson, N. J.*	119 Wall st.
Harold Eugene Carpenter	*Willimantic, Conn.*	146 College st.
Frank Valentine Chappell	*New London, Conn.*	88 Wall st.
Louis Albert Chase	*Plainfield, N. J.*	116 College st.
George Sheldon Chauncey	*Brooklyn, N. Y.*	111 Grove st.
Austin Cheney	*S. Manchester, Conn.*	133 College st.
William Francis Cochran, Jr.	*Yonkers, N. Y.*	111 Grove st.
Ralph Hunter Cumings	*Tidioute, Pa.*	86 W. D.
Clifford Wayne Cunningham	*Savannah, Ga.*	133 College st.
Frederick Farnham Davis	*Cottage City, Mass.*	36 Elm st.
Samuel Sherman Day	*New Haven, Conn.*	108 High st.
Osgood Harrison Dowell	*Woodside, Md.*	104 Wall st.
Joseph Percy Drake	*New York City*	96 Wall st.
Edmund John Drummond	*New York City*	90 Wall st.
George William Dulany, Jr.	*Hannibal, Mo.*	96 Wall st.
Robert Franklin Dyer	*Dansville, N. Y.*	103 Wall st.
Allan Chotard Eustis, B.S. Tulane University 1896	*New Orleans, La.*	131 Grove st.
Fred Gilbert Ferrey	*Pittsfield, Mass.*	104 Wall st.
Newell Simmons Ferry	*New Haven, Conn.*	350 Elm st.
Thomas Rawdon Fisher, Jr.	*New Rochelle, N. Y.*	111 Grove st.

Lawrence Fitch	*Milwaukee, Wisc.*	88 Wall st.
Edward Ludlow Freeland	*New York City*	111 Grove st.
Frederick Taylor Gause	*Wilmington, Del.*	88 Wall st.
Justin Frank Grant	*Stamford, Conn.*	141 College st.
Gilbert Christian Greenway, Jr.	*Hot Springs, Ark.*	131 Grove st.
Lester Walton Hall	*Kansas City, Mo.*	1 Hillhouse av.
Alfred Southmayd Hamlin	*New Haven, Conn.*	48 Pearl st.
Byron Schermerhorn Harvey	*Leavenworth, Kan.*	90 Wall st.
Herbert Hastings	*Hartford, Conn.*	91 Lyon st.
James Hess	*Easton, Pa.*	36 Elm st.
James Leland Howard, Jr.	*Hartford, Conn.*	133 College st.
Robert Robinson Howard	*South Orange, N. J.*	103 Wall st.
Edward Townsend Howes	*Stamford, Conn.*	133 College st.
George Huntington Hulbert, Jr.	*Middletown, Conn.*	61 Grove st.
Harry Terry Hulst	*Milwaukee, Wisc.*	135 College st.
George Hoppin Humphreys, Jr.	*New York City*	133 College st.
Edward Reed Ingraham	*Hartford, Conn.*	103 Wall st.
Howard Chapin Ives	*West Cheshire, Conn.*	625 George st.
William Frederick Jelke	*Cincinnati, O.*	116 High st.
Treat Baldwin Johnson	*Bethany, Conn.*	60 Grove st.
Rutherford Ballou Keeler	*Norwalk, Conn.*	261 Orange st.
Paul David Kelley	*Chicago, Ill.*	130 Wall st.
Philo Rockwell King, Jr.	*Chicago, Ill.*	107 Wall st.
Richard Krementz	*Newark, N. J.*	36 Elm st.
Edward Francis Leeds	*Stamford, Conn.*	43 College st.
Louis Lasher Lorillard, Jr.	*Newport, R. I.*	133 College st.
James Joseph Lyons	*New Britain, Conn.*	61 Grove st.
Frank Augustine McCrea	*Canton, O.*	96 Wall st.
Lewis Camp McEwen	*Seymour, Conn.*	Seymour
John Scott McFarland	*Buffalo, N. Y.*	119 Wall st.
John Loomis McLaren	*Chicago, Ill.*	113 Wall st.
Reune Martin	*New York City*	133 College st.
Claude Harris Miller	*Newark, N. J.*	43 College st.
Gerrish Hill Milliken	*New York City*	264 York st.
Sumner Gilbert Moon	*Eau Claire, Wisc.*	131 Grove st.
William Moorhead Murdoch	*Pittsburg, Pa.*	99 Wall st.
John Killam Murphy, B.A. Yale University 1897	*New Haven, Conn.*	85 Sachem st.
Henry Buckland Olmstead	*Branford, Conn.*	Branford
Charles Frederick Parker	*Guilford, Conn.*	150 Grove st.
Harleigh Parkhurst	*Hartford, Conn.*	88 Wall st.
Allan Edgar Philbrick	*Little Silver, N. J.*	96 Wall st.
Frank Nathan Platt	*Milford, Conn.*	19 Wall st.
Henry Homes Porter, Jr.	*Chicago, Ill.*	107 Wall st.

Alfred Seton Post, Jr.	*Flushing, N. Y.*	133 College st.
Harry W. Potter	*Salem, O.*	96 Wall st.
Edgar Duryea Pouch	*Brooklyn, N. Y.*	133 Wall st.
Robert Dodd Reynolds	*East Orange, N. J.*	119 Wall st.
Jacob Elwood Ridgway, Jr.	*Columbus, N. J.*	332 Temple st.
Henry Bulkley Rodman	*New Haven, Conn.*	165 York st.
Edward Roesler	*Great Neck, N. Y.*	133 Wall st.
Allen Merrill Rogers	*New York City*	128 Wall st.
Burnet Rathbone Ruggles	*New York City*	131 Grove st.
William Phillips Sage	*Hartford, Conn.*	88 Wall st.
Irvin Wilbur Sanford	*Island Pond, Pa.*	293 York st.
John Martin Satterfield	*Buffalo, N. Y.*	117 Wall st.
Richard Sheldon	*Rutland, Vt.*	131 Grove st.
Charles Lindsley Sherwood	*Southport, Conn.*	133 Wall st.
Edward James Sherwood	*Westport, Conn.*	136 College st.
Zenas Harrison Sikes	*Suffield, Conn.*	182 Mansfield st.
Arthur Benjamin Siviter	*Waterbury, Conn.*	141 College st.
William Parsons Slocovich	*Brooklyn, N. Y.*	126 High st.
Albert Carrington Smith	*Milford, Conn.*	150 Grove st.
Clarence Gilman Spalding	*New Haven, Conn.*	9 High st.
Alexander Morrow Speer, Jr.	*Pittsburg, Pa.*	131 Grove st.
Norman Church Spencer	*Hartford, Conn.*	159 Elm st.
William Pharr Stewart	*New Orleans, La.*	130 Wall st.
Robert Edward Stone	*Chicago, Ill.*	88 Wall st.
Howard Lee Stout	*Fort Scott, Kansas*	96 Wall st.
Walter Knight Sturges	*Providence, R. I.*	111 Wall st.
Walter Henry Sykes, Jr.	*New York City*	96 Wall st.
Erastus Theodore Tefft	*New York City*	22 College st.
James Lewis Thomson	*Hartford, Conn.*	119 Wall st.
George Clarkson Thrall	*Detroit, Mich.*	22 College st.
Walter Francis Carson Tichborne	*Mt. Vernon, N. Y.*	117 Wall st.
Francis Jefferson Tytus	*Middletown, O.*	107 Wall st.
Leonard Hall VanEvery	*Brooklyn, N. Y.*	96 Wall st.
Arnold Beach Watson	*Buffalo, N. Y.*	110 Wall st.
Herbert Towle Weston	*Beatrice, Nebr.*	99 Wall st.
George Paul Wisdom	*New Haven, Conn.*	299 York st.
Cooper Wood	*Pittsburg, Pa.*	107 Wall st.
Walter Laning Worrall	*New York City*	88 Wall st.
Morrison Brown Yung	*Hartford, Conn.*	119 Wall st.

SENIORS, 121

JUNIOR CLASS

William Munn Ames	*Plantsville, Conn.*	13 E. D.
Charles Wilson Andrews	*Litchfield, Conn.*	105 Wall st.
John Foster Archbold	*Tarrytown, N. Y.*	133 College st.
Adolph Borie Babcock	*Chicago, Ill.*	22 College st.
William James Backes	*Hartford, Conn.*	143 College st.
Harley Chester Backus	*New Haven, Conn.*	26 Forbes av.
Frank Fowler Baldwin	*Haiku, Maui, H. I.*	111 Grove st.
James Bull Bassett	*Derby, Conn.*	61 Grove st.
Herbert Wesley Bates	*Lynn, Mass.*	110 Wall st.
Archibald Marshall Bell	*Allegheny, Pa.*	131 Grove st.
Jerome Holland Bishop, Jr.	*Wyandotte, Mich.*	110 Wall st.
Howard Edward Boardman	*Meriden, Conn.*	79 Wall st.
Louis Lambert Borden	*Chicago, Ill.*	130 Wall st.
Alexander Wallace Botkin	*Helena, Mont.*	59 Wall st.
Philip Rudolph Brand	*Chicago, Ill.*	103 Wall st.
William McKenzie Brown	*Yalesville, Conn.*	Yalesville
William Heaney Buell	*Clinton, Conn.*	285 York st.
Donald Palmer Cameron	*Salt Lake City, Utah*	96 Wall st.
Henry Seidel Canby	*Wilmington, Del.*	86 Wall st.
George Lister Carlisle, Jr.	*New Rochelle, N. Y.*	151 Grove st.
Charles Joseph Carroll	*Towanda, Pa.*	114 High st.
Robert Goodell Church	*Meriden, Conn.*	73 Lake pl.
Raymond Gustavus Clapp	*Northampton, Mass.*	36 Elm st.
Henry Skyrin Clark	*Cincinnati, O.*	131 Grove st.
Robert Sterling Clark	*New York City*	77 Wall st.
Walter Rockwell Clark	*Shelton, Conn.*	Shelton
Frederick Sears Coe	*Newark, N. J.*	332 Temple st.
Carle Cotter Conway	*Oak Park, Ill.*	407 Temple st.
Arthur Frank Corwin	*New Haven, Conn.*	133 College st.
John Chandler Dallam	*Evansville, Ind.*	110 Wall st.
Paul Nelson Dann	*New Haven, Conn.*	22 College st.
Philip Thornton Dashiell	*Bustleton, Pa.*	131 Grove st.
Howard Lee Davis	*Cincinnati, O.*	138 College st.
Osborn Atwater Day	*New Haven, Conn.*	131 Grove st.
Sidney Dillon	*North Platte, Nebr.*	119 Wall st.
George Potter Docker	*Fairfield, Conn.*	90 Wall st.
Lee Wilson Dodd	*New York City*	313 York st.
Richard Julian Donnelly	*Oxford, N. Y.*	77 Wall st.
Daniel Patrick Doohan	*Fair Haven, Conn.*	193 Prospect st.
Francis Edwin Drake	*Chicago, Ill.*	90 Wall st.
Charles Randall Drummond	*St. Louis, Mo.*	131 Grove st.

Robert Livingston Dunn	*Tidioute, Pa.*	267 Orange st.
Alfred Howlett Durston	*Syracuse, N. Y.*	131 Grove st.
Guy King Dustin	*Hartford, Conn.*	133 Wall st.
Robert Thomas Easterbrook	*New Haven, Conn.*	82 York sq.
Edwin Milo Eddy	*Bay City, Mich.*	413 Temple st.
Walter Louis Ehrich	*Colorado Springs, Col.*	114 High st.
John Henry Finley	*Sterling, Conn.*	1010 Chapel st.
John Milton Fiske, Jr.	*Chicago, Ill.*	43 College st.
Robert Philip Flint	*Los Angeles, Cal.*	22 College st.
Henry de Bretton Forbes	*West Haven, Conn.*	West Haven
William Ebenezer Ford, Jr.	*New Haven, Conn.*	16 Lynwood st.
Frederic Henry Beecher Fowler	*New Haven, Conn.*	108 Humphrey st.
Charles James Freeborn	*Paris, France*	111 Grove st.
David Huyler Gaines	*New York City*	119 Wall st.
John Walter Gannon	*Washington, D. C.*	231 York st.
Harry Courtlandt Gause	*Wilmington, Del.*	86 Wall st.
Henry Lloyd Gillespie	*Pittsburg, Pa.*	393 Temple st.
Louis Allston Gillet	*Chicago, Ill.*	96 Wall st.
Julian Henry Goodman	*New Haven, Conn.*	11 Home pl.
Burnett Goodwin	*New Haven, Conn.*	114 High st.
Pierce William Grace	*Brooklyn, N. Y.*	96 Wall st.
Richmond Macleod Graff	*Pittsburg, Pa.*	1 Hillhouse av.
Edwin Joseph Grant	*Franklin, Pa.*	313 York st.
Richard Frank Grant	*Fargo, N. Dak.*	1 Hillhouse av.
Harry LeBreton Gray	*Springfield, Mass.*	125 High st.
John Cameron Greenleaf	*Lawrence, N. Y.*	133 College st.
Ward Slosson Gregory	*Norwalk, Conn.*	36 Elm st.
Dudley Guilford	*Lansdowne, Pa.*	135 College st.
Clinton Mudge Hall	*New Orleans, La.*	133 College st.
George Raymond Hall	*Philadelphia, Pa.*	43 College st.
Thomas Henry Hall, Jr.	*Mamaroneck, N. Y.*	111 Grove st.
Bruce Hamilton	*Chicago, Ill.*	313 York st.
Frederick Brown Harrison	*New Haven, Conn.*	83 Grove st.
Charles Gardner Hart	*Bethel, Conn.*	143 College st.
John Gibson Hazard	*Peace Dale, R. I.*	110 Wall st.
John Milton Henderson	*Waterbury, Conn.*	7 Library st.
Herbert Thacker Herr	*Denver, Col.*	103 Wall st.
James Albert Hogle	*Salt Lake City, Utah*	111 Grove st.
Nelson Arthur Howard	*Brownsburg, Canada*	96 Wall st.
Henry Arthur Stevens Howarth	*New Haven, Conn.*	34 Vernon st.
Frederick Brown Humphreys	*New York City*	133 College st.
James Barrett Monroe Hunker	*Brooklyn, N. Y.*	99 Wall st.
Francis Sherman Hunn	*New Haven, Conn.*	91 George st.
James Clarke Jeffery	*Chicago, Ill.*	101 Wall st.

John Holmes Johnston	*New York City*	114 High st.
Alexander deTrofimoff Jones	*New York City*	117 Wall st.
Frederick Morton Jourdan	*Branford, Conn.*	163 York st.
John Kellogg, Jr.	*Amsterdam, N. Y.*	119 Wall st.
William Windus Knight	*St.Louis, Mo.*	22 College st.
Richard Paul Kraft	*New Haven, Conn.*	210 Orchard st.
Richard Steele Lamb	*Waterbury, Conn.*	36 Elm st.
Clifford Langley	*New Haven, Conn.*	229 Blatchley av.
Elisha Sears Lewis	*Springfield, Mass.*	96 Wall st.
Frank Herman Lindenberg	*Columbus, O.*	126 Wall st.
Otto Hayes Lindenberg	*Columbus, O.*	22 College st.
Charles Rees Lloyd, Jr.	*San Francisco, Cal.*	111 Grove st.
William Bladen Lowndes	*Cumberland, Md.*	119 Wall st.
George James Warner Mabee, Jr.	*Denver, Col.*	96 Wall st.
Edw. Armstrong McCullough	*Irvington-on-Hudson, N. Y.*	22 College st.
Raymond Augustus McGee	*Plainfield, N. J.*	133 College st.
James Ewen McIntyre	*New Haven, Conn.*	170 Olive st.
Edward Everett Marshall	*Philadelphia, Pa.*	111 Grove st.
Franklin Hobart Miles	*Ansonia, Conn.*	114 High st.
Osmond Leigh Miller	*Stratford, Conn.*	109 Wall st
Leeds Mitchell	*Chicago, Ill.*	131 Grove st
Winthrop Ballantine Moore	*Hartford, Conn.*	13 E. D.
Hunter Morrison	*Cincinnati, O.*	332 Temple st.
Albert Willard Morse	*Brooklyn, N. Y.*	109 Wall st.
Herbert Bernhard Moses	*New York City*	7 Library st.
Henry Archibald North	*Chicago, Ill.*	113 Wall st.
Benjamin Vernor Norton	*Detroit, Mich.*	1 Hillhouse av.
Edwin Thomas Nugent	*St.Louis, Mo.*	111 Grove st.
Thomas Augustine O'Brien	*New Haven, Conn.*	230 Oak st.
Alfred Whipple Olds	*Hartford, Conn.*	145 College st.
Albert Josiah Osgood	*New Haven, Conn.*	747 George st.
Carl King Palmer	*Danville, Ill.*	111 Grove st.
Oliver Henry Perry	*Southport, Conn.*	99 Wall st.
Raymond Platt	*New York City*	39 College st.
Leopold Schuyler Quackenbush	*New York City*	77 Wall st.
Joseph Reed	*Pittsburg, Pa.*	110 Wall st.
Walter Murray Sanders	*Montclair, N. J.*	111 Grove st.
Charles Augustus Hecksher deSaulles	*S. Bethlehem, Pa.*	131 Grove st.
Edward Nelson Saunders, Jr.	*St.Paul, Minn.*	110 Wall st.
Chaloner Baker Schley	*New York City*	86 Wall st.
Philip Rasselas Sears	*Kenilworth, Ill.*	1044 Chapel st.
Frank Earle Seeley	*Bridgeport, Conn.*	99 Wall st.
Sidney Frank Shattuck	*Neenah, Wisc.*	111 Grove st.

George Francis Sheedy	*Bridgeport, Conn.*	Bridgeport
George Hall Smith	*Chicago, Ill.*	43 College st.
Robert Ellsworth Smith	*New Haven, Conn.*	251 Crown st.
William Edwin Stanley	*Chicago, Ill.*	1 Hillhouse av.
Louis Talcott Stone	*Mohawk, N. Y.*	1 Hillhouse av.
Gilbert Cornwell Summerfield	*Brooklyn, N. Y.*	96 Wall st.
Samuel Brady Sutphin	*Mt. Auburn, O.*	332 Temple st.
Seth Edward Thomas, Jr.	*New York City*	111 Grove st.
Walter Scott Thomas	*Southport, Conn.*	136 College st.
Leslie Helfenstein Thompson	*Webster Groves, Mo.*	103 Wall st.
Myron Turner Townsend	*New York City*	22 College st.
Louis Schnebly Treadwell	*Albany, N. Y.*	90 Wall st.
Benjamin Fred Tritch	*Denver, Col.*	111 Grove st.
Herbert Forsythe VanEvery	*Brooklyn, N. Y.*	96 Wall st.
Clarence Sidney Verrill	*New Haven, Conn.*	86 Whalley av.
Darius Thompson Wadhams	*Torrington, Conn.*	126 High st.
Joseph Palmer Wadhams	*New Haven, Conn.*	22 Prince st.
Edward Carson Waller, Jr.	*River Forest, Ill.*	99 Wall st.
James Theodore Walker	*St.Louis, Mo.*	133 College st.
William Walker	*Montclair, N. J.*	79 Wall st.
James McLean Walton	*Ridgewood, N. J.*	133 College st.
Clarence Arthur Warden	*Philadelphia, Pa.*	133 College st.
Frank Herbert Warren, Jr.	*Chicago, Ill.*	43 College st.
Frederick Parker Warren	*Philadelphia, Pa.*	150 College st.
Norman Woodruff Warren	*Berlin, Conn.*	128 High st.
Willis Ogden Warren	*New York City*	103 Wall st.
Daniel Brewster Watson	*New Haven, Conn.*	92 Dwight st.
Clarence Eugene Weaver	*S. Woodstock, Conn.*	65 Spring st.
Clifford Yale Welles	*Wethersfield, Conn.*	128 High st.
Richard Norris Wilcox	*New York City*	103 Wall st.
Samuel Wolf	*New Haven, Conn.*	470 Elm st.
William Gordon Woolfolk	*New York City*	96 Wall st.
Charles Sherman Wray	*New York City*	59 Wall st.
Walter Norris Yates	*Germantown, Pa.*	266 York st.

JUNIORS, 162

FRESHMAN CLASS

Gerard Barry Allen	*Rye Beach, N. H.*	124 Wall st.
Harold Allen	*Pittsburg, Pa.*	125 High st.
John Appleton Allen	*New York City*	82 Wall st.
Robert Woodhouse Barbour	*Hartford, Conn.*	104 Wall st.
Gilmor Meredith Barroll	*Elizabeth, N. J.*	411 Temple st.
Jeremiah Hotchkiss Bartholomew	*Ansonia, Conn.*	297 Crown st.
Charles Edward Bascom	*St. Louis, Mo.*	101 Wall st
Raymond Everett Bassett	*Shelton, Conn.*	1090 Chapel st.
William Rascoe Bassick	*Bridgeport, Conn.*	109 Wall st.
Sterling Bell	*New York City*	393 Temple st.
Roland Whitney Betts	*Brooklyn, N. Y.*	393 Temple st.
William David Brennan	*St. Paul, Minn.*	147 College st.
Alexander Montgomery Brooks	*Pittsburg, Pa.*	393 Temple st.
Horace Spalding Brown	*Longmeadow, Mass.*	389 Temple st.
William Knight Brown	*Denver, Col.*	1 Hillhouse av.
Hugh Eleazer Burbank	*West Haven, Conn.*	West Haven
Irving Edward Burdick	*Dansville, N. Y.*	1018 Chapel st.
Coler Campbell	*Evanston, Ill.*	419 Temple st.
Frederic James Carnell	*Plainville, Conn.*	63 Dwight st.
Everitte St. John Chaffee	*Amenia, N. Y.*	107 W. D.
Walter Thomas Charles	*Chicago, Ill.*	117 Elm st.
Clifton Chisholm	*Cleveland, O.*	397 Temple st.
Alfred Knight Chittenden	*New Haven, Conn.*	83 Trumbull st.
Alfred Tennyson Clark	*Philadelphia, Pa.*	166 Meadow st.
Edwin Hill Clark	*Chicago, Ill.*	110 Wall st.
Ernest Wesley Clark	*Shelton, Conn.*	Shelton
Kenneth Kingsley Clarke	*Allegheny, Pa.*	124 Wall st.
Alfonzo Rockwell Cluett	*Troy, N. Y.*	110 Wall st.
John Edward Collins	*West Haven, Conn.*	West Haven
William Wakefield Corbet	*Brookville, Pa.*	293 York st.
William Lathrop Cowdrey	*Pittsburg, Pa.*	419 Temple st.
George Nellis Crouse	*Syracuse, N. Y.*	407 Temple st.
Eliot Cutter	*Brooklyn, N. Y.*	110 Wall st.
Edward Clarence Dean	*Washington, D. C.*	110 Wall st.
Edward Layton deForest	*Westhampton Beach, N. Y.*	110 Wall st.
Donald Lee DeGolyer	*Evanston, Ill.*	419 Temple st.
Francis McLean Dickinson	*Rockville, Conn.*	205 Crown st.
Charles Mason Dow, Jr.	*Jamestown, N. Y.*	332 Temple st.
Wyllis Edmund Dowd, Jr.	*New York City*	145 College st.
Charles Tarbell Dudley	*Washington, D. C.*	389 Temple st.
George Walter Dudley	*New Haven, Conn.*	526 George st.

Samuel William Dudley	*Westville, Conn.*	Westville
Henry Forrest Dutton, Jr.	*Gainesville, Fla.*	110 Wall st.
Amos Trowbridge Dwight	*Brooklyn, N. Y.*	248 York st.
Malcolm Mayer Eckhardt	*Hartford, Conn.*	22 College st.
William Leslie Edison	*Orange, N. J.*	393 Temple st.
William Joseph Ehrich	*New York City*	125 High st.
Carl Brandes Ely	*Bryn Mawr, Pa.*	395 Temple st.
John Ralph Emerson	*Ansonia, Conn.*	297 Crown st.
John Will Falls	*Memphis, Tenn.*	395 Temple st.
Ralph Emerson Flinn	*Pittsburg, Pa.*	391 Temple st.
Arthur George Follett	*Townshend, Conn.*	210 Prospect st.
John Aubrey Foulks	*Brooklyn, N. Y.*	128 High st.
Gilbert Hotchkiss Fulton	*New Haven, Conn.*	132 Columbus av.
William Hanover Fulton	*New Haven, Conn.*	132 Columbus av.
Edward Ridgway Gates	*Ansonia, Conn.*	Ansonia
Preston Johnston Gibson	*Washington, D. C.*	393 Temple st.
Harry VanVleck Gifford	*Toledo, O.*	419 Temple st.
Ransom Hooker Gillett	*Washington, D. C.*	331 Temple st.
Lucius Charles Glenny	*New Orleans, La.*	133 College st.
Charles Ross Gordon	*Rochester, N. Y.*	110 Wall st.
Harrison Gray	*New Haven, Conn.*	38 Mansfield st.
Albert Valdemar Gude	*Atlanta, Ga.*	61 Grove st.
Perry Titus Wells Hale	*Portland, Conn.*	Portland
William Edwin Hall	*Ridgway, Pa.*	397 Temple st.
Howard Melville Hanna, Jr.	*Cleveland, O.*	333 York st.
Walter Theobald Hartmann	*Chicago, Ill.*	427 Temple st.
Richard Hays Hawkins	*Swissvale, Pa.*	110 Wall st.
Adrian Claudius Heitmann, Jr.	*West Haven, Conn.*	West Haven
Edgar William Heller	*Newark, N. J.*	425 Temple st.
Charles Nelson Hickok, 2d	*Harrisburg, Pa.*	411 Temple st.
William Stanley Hill	*New York City*	387 Temple st.
Francis Patrick Holden	*Meriden, Conn.*	Meriden
John Alfred Holland	*Cincinnati, O.*	421 Temple st.
George Smith Hosea	*St. Joseph, Mo.*	391 Temple st.
Robert Murray Hosley	*New Haven, Conn.*	20 Clark st.
Robert Collyer Hosmer	*Chicago, Ill.*	119 Wall st.
Henry Stuart Hotchkiss	*New Haven, Conn.*	55 Hillhouse av.
Edward John House	*Allegheny, Pa.*	124 Wall st.
Dudley William Hubbard	*Hartford, Conn.*	147 College st.
William Brewster Hubbard	*W. Cornwall, Conn.*	40 Lake pl.
Frederick George Hughes	*Southport, Conn.*	Southport
Norman Roscoe Huselton	*Allegheny, Pa.*	391 Temple st.
John Hamilton Inman	*New York City*	114 High st.
James Duane Ireland	*New York City*	411 Temple st.

William Purviance Irwin	*Allegheny, Pa.*	124 Wall st.
Edward Lee Ives	*Bridgeport, Conn.*	99 Wall st.
Louis Tallmadge Jaques	*Chicago, Ill.*	104 Wall st.
George Rufus Johnson	*West Haven, Conn.*	119 Wall st.
Robert David Kaime	*St. Louis, Mo.*	101 Wall st.
Trumbull Kelly	*W. Superior, Wisc.*	333 York st.
Sylvester Kennedy	*Derby, Conn.*	Derby
Francis Julian Kennett, Jr.	*Chicago, Ill.*	110 Wall st.
Eben Beers Knowlton	*Brooklyn, N. Y.*	110 Wall st.
Charles Scott Landers	*Thurmont, Md.*	124 Park st.
George Lauder, Jr.	*Pittsburg, Pa.*	425 Temple st.
Arthur Russell Leeds	*Stamford, Conn.*	143 College st.
Charles Bispham Levey	*Elizabeth, N. J.*	411 Temple st.
Newton Francis Lewis	*New Haven, Conn.*	438 George st.
Walter Lewisohn	*New York City*	110 Wall st.
Clarence Hardin Littell	*Buffalo, N. Y.*	99 Wall st.
Charles Davenport Lockwood	*Stamford, Conn.*	141 College st.
Stephen Orloff Lockwood, Jr.	*Brooklyn, N. Y.*	113 Wall st.
Henry Luther Loomis	*New Rochelle, N. Y.*	110 Wall st.
Irving Luria Lyons	*New Orleans, La.*	395 Temple st.
Charles Cogswell McCord	*Milwaukee, Wisc.*	413 Temple st.
William Park McCord	*Greenwich, Conn.*	313 York st.
Marion Morgan MacMillin	*New York City*	210 Prospect st.
Arthur Beardsley Maynard	*Utica, N. Y.*	419 Temple st.
Henry Franklin Merriam	*Summit, N. J.*	425 Temple st.
Inslee Madison Miller	*Summit, N. J.*	143 College st.
Mikael Minasian	*Adana, Turkey*	368 Whalley av.
Roberts Monks	*New York City*	59 Wall st.
Theodore Langdon Montague	*Chattanooga, Tenn.*	125 High st.
John William Morey	*Denver, Col.*	411 Temple st.
James Gasherie DeWitt Morrell	*Hartford, Conn.*	22 College st.
George Henry Murray, Jr.	*Viola, Del.*	54 Garden st.
William Washburn Mursick	*Nyack, N. Y.*	1215 Chapel st.
Douglas Kinney Newell	*Kenosha, Wisc.*	110 Wall st.
Theodore Browning Nisbet	*Yonkers, N. Y.*	149 College st.
Francis Patrick Nolan	*Mt. Carmel, Conn.*	Mt. Carmel
John Dale Oille	*N. Tonawanda, N. Y.*	40 Lake pl.
Charles Joel Parker	*Coventryville, N. Y.*	409 Temple st.
Marshall Custer Parshall	*Warren, Pa.*	99 Wall st.
James Graham Parsons	*New York City*	133 Wall st.
George Wilson Penny	*Park Ridge, Ill.*	141 College st.
John Jay Peter	*Louisville, Ky.*	110 Wall st.
Harry Hubbard Pittinger	*Brooklyn, N. Y.*	128 High st.
Harry Longyear Preston	*Roxbury, N. Y.*	409 Temple st.

Frederick William Renshaw	*Chicago, Ill.*	387 Temple st.
Howard Richards, Jr.	*New York City*	391 Temple st.
Ira Richards, Jr.	*N. Attleboro, Mass.*	110 Wall st.
John Alexander Rithet	*Victoria, B. C.*	53 Lake pl.
William Cary Ross	*Knoxville, Tenn.*	99 Wall st.
Jasper Morgan Rowland	*Greenwich, Conn.*	1161 Chapel st.
Francis Augustus Ruggles	*Washington, D. C.*	411 Temple st.
Edward John Rungee	*New Haven, Conn.*	5 Redfield st.
Harley Willis Russ	*Haverhill, Mass.*	333 York st.
Eugene Treat Savage	*Bangor, Me.*	124 Wall st.
Orville Hickok Schell	*Harrisburg, Pa.*	411 Temple st.
Peirce Davies Schenck	*Dayton, O.*	391 Temple st.
Herbert Frank Seward	*New Haven, Conn.*	132 Bristol st.
Howard Raymond Sharkey	*New York City*	150 College st.
Robert McDowell Shoemaker	*Wilkes-Barré, Pa.*	389 Temple st.
Lee Simon Shoninger	*New Haven, Conn.*	385 Orange st.
Edmund Norton Skinner	*Denver, Col.*	159 Elm st.
Bayard Marston Smith	*New York City*	135 College st.
Ellsworth Johnson Smith	*North Haven, Conn.*	North Haven
Edwin Newton Snitjer	*San José, Cal.*	53 Lake pl.
Jesse Wheat Speidel	*Wheeling, W. Va.*	389 Temple st.
Charles Comfort Starr	*Cornwall, Conn.*	407 Temple st.
Paul Sterling	*Wilkes-Barré, Pa.*	114 High st.
Elihu William Stevens	*Middletown, Conn.*	59 Prospect st.
Henry Daniells Stowe	*Enfield, Conn.*	59 Grove st.
William Strobridge	*Stamford, Conn.*	141 College st.
Edwin Allen Strong	*Hartford, Conn.*	104 Wall st.
Louis Henry Strouse	*New Haven, Conn.*	143 St. John st.
Robert Barry Sullivan	*Denver, Col.*	110 Wall st.
Waitstill Hastings Swenarton	*Montclair, N. J.*	413 Temple st.
Frederick Hiram Swift	*Ypsilanti, Mich.*	407 Temple st.
John Foster Symes	*Denver, Col.*	311 York st.
Charles Musier Taintor, Jr.	*New York City*	110 Wall st.
William Henry Talmadge, Jr.	*Stamford, Conn.*	407 Temple st.
Wyatt Warner Taylor	*Stamford, Conn.*	110 Wall st.
William Thaw	*Allegheny, Pa.*	248 York st.
Raynham Townshend	*New Haven, Conn.*	234 Church st.
Philip Troup	*New Haven, Conn.*	8 Trumbull st.
Frank Pell Underhill	*Norwalk, Conn.*	Norwalk
Andrew Gideon Underwood	*Belleville, N. J.*	112 Howe st.
William Hall Upham	*Meriden, Conn.*	Meriden
Rufus Adrian VanVoast	*Cincinnati, O.*	37 College st.
Richard Varick VanVredenburgh	*New Albany, Ind.*	389 Temple st.
Carl Louis Vietor	*New York City*	248 York st.

Edwin Mansfield Walker	*New Haven, Conn.*	162 York st.
Harrington Olcott Walton	*New York City*	79 Lake pl.
John Sayle Watterson	*Cleveland, O.*	397 Temple st.
John Murray Watts	*Philadelphia, Pa.*	135 College st.
Herman Armour Webster	*Chicago, Ill.*	407 Temple st.
Thomas Gwynne Whaling	*Milwaukee, Wisc.*	387 Temple st.
John Egbert Wheeler	*Portville, N. Y.*	419 Temple st.
George Benjamin White	*Cooperstown, N. Y.*	333 York st.
William Henry White	*Waterbury, Conn.*	110 Wall st.
Joseph Winterbotham, Jr.	*Chicago, Ill.*	387 Temple st.
Abraham Wolodarsky	*New Haven, Conn.*	167 Kimberly av.
Cornelius Delano Wood, Jr.	*Brooklyn, N. Y.*	333 York st.
Carlton Hulbert Woodruff	*Auburn, N. Y.*	333 York st.
John Conrad Wurts	*New Haven, Conn.*	9 Trumbull st.

FRESHMEN, 187

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

James Ansel Brooks	*Derby, Conn.*	Derby
Charles Lester Curtiss	*New Haven, Conn.*	374 Whalley av.
Walter Fraser Gibson	*Buffalo, N. Y.*	22 College st.
Francis Granger Hall, Jr.	*New Haven, Conn.*	210 St. Ronan st.
Frederick Asa Knight	*Springfield, Mass.*	120 High st.
Thomas LeBoutillier	*New York City*	391 Temple st.
William Earl Porter	*Denver, Col.*	103 Wall st.
Alexander Hammond Rutherford	*San Francisco, Cal.*	111 Grove st.
Frederick Lucas Sage	*Middletown, Conn.*	39 Maple st.
Edwyn deNormandie Sands	*New York City*	133 College st.
Myron Bird Seward	*West Haven, Conn.*	West Haven
William Fargo Sharpe	*New York City*	22 College st.
Chintara Wakamatsu	*Tokyo, Japan*	119 Park st.

SPECIAL STUDENTS, 13

SUMMARY

GRADUATES	60
SENIORS	121
JUNIORS	162
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YALE SCHOOL OF THE FINE ARTS

George Haven Abbott	*Brookline, N. H.*	120 N.
Eleanor Pierson Alling	*New Haven, Conn.*	120 Sherman av.
Jean Howe Atwater	*New Haven, Conn.*	321 Whitney av.
William Augustus Barstow	*East Orange, N. J.*	66 V.
Ethel Welles Bennett	*New Haven, Conn.*	357 Elm st.
Coburn Dewees Berry, Jr.	*Nashville, Tenn.*	324 W.
Helen Elizabeth Booth	*New Haven, Conn.*	205 Orchard st.
Lydia Rollinson Booth	*Poughkeepsie, N. Y.*	67 Mansfield st.
John Harvey Borden	*Brooklyn, N. Y.*	285 W.
Bertha Kimberly Bradley	*New Haven, Conn.*	212 York st.
Grace Antoinette Bronson	*New Haven, Conn.*	571 Elm st.
Frederick Hiester Brooke	*Birdsboro, Pa.*	298 WH.
Catharine Tomlinson Bunnell	*Stratford, Conn.*	Stratford
Jean May Burr	*Monroe, Conn.*	Monroe
David DeForest Burrell	*New York City*	332 W.
Geraldine Woolsey Carmalt	*New Haven, Conn.*	87 Elm st.
George Shepard Chappell	*New London, Conn.*	20 V.
William Francis Clark, B.A. Yale University 1897	*Meriden, Conn.*	31 E. D.
John Lee Clarke	*Chicago, Ill.*	558 Chapel st.
Elizabeth Stack Colborne	*Sherburne, N. Y.*	137 College st.
Raymond Moreau Crosby	*Grand Rapids, Mich.*	78 S. M.
William Francis Dominick	*New York City*	367 WH.
Caroline Rogers Durgy	*New Haven, Conn.*	118 Dwight st.
Caroline Ketcham Eaton	*New Haven, Conn.*	70 Sachem st.
Oliver Coady Edwards	*New Haven, Conn.*	188 Townsend av.
John Arthur Findley	*Andover, Mass.*	360 WH.
Justus Miles Forman	*Minneapolis, Minn.*	317 W.
Bessie Gallagher	*New Haven, Conn.*	13 University pl.
John Leo Gilson	*New Haven, Conn.*	77 Olive st.
Francis Jenks Hall	*Brookville, Pa.*	250 L.
Anne Drew Hallock	*Bridgeport, Conn.*	Bridgeport
Julia Henrietta Hammer	*Branford, Conn.*	Branford
Blanche Eddy Harrison	*Wallingford, Conn.*	Wallingford
John Joseph Higgins	*New Haven, Conn.*	569 Grand av.
Lawrence Hill	*New Haven, Conn.*	208 Canner st.
William Churchill Hodge	*Buffalo, N. Y.*	255 L.
Henry Hutchinson Hollister, Jr.	*New York City*	234 D.
Thomas Atwood Horton	*Albany, N. Y.*	550 P.
Charles Daniel Hubbard	*Guilford, Conn.*	Guilford
Charles Edward Hubbell	*New Haven, Conn.*	71 Orange st.

George Pelton Hutchins	*Brooklyn, N. Y.*	228 D.
Garret Ploughman Hynson	*New Haven, Conn.*	383 George st.
Mildred Clara Jordan	*New Haven, Conn.*	233 Orchard st.
Jessie Marie King	*Branford, Conn.*	Branford
Teng Hwee Lee	*Batavia, Java*	70 Edgewood av.
Herbert Curtis Lyons	*Bethel, Conn.*	1157 Chapel st.
Edith Rebecca Maltby	*New Haven, Conn.*	23 Sylvan av.
Katsumi Miyaki	*Tokyo, Japan*	46 E. D.
Henry Killam Murphy	*New Haven, Conn.*	85 Sachem st.
Ebed Wilder Neal	*Tremont, Me.*	47 Trumbull st.
Elsie Lauretta Nichols	*Branford, Conn.*	Branford
Ethel Stannard Norton	*Wallingford, Conn.*	Wallingford
George Sturges Oliver	*Pittsburg, Pa.*	346 WH.
Wilson Peck	*New Haven, Conn.*	79 Humphrey st.
Valeria Pelton	*Middletown, Conn.*	Middletown
Ardella Elwood Platt	*West Haven, Conn.*	West Haven
Katharine Parker Riley	*New Haven, Conn.*	Observatory pl.
Elnora Dixon Rogers	*New Haven, Conn.*	67 Lafayette st.
Elizabeth Day Seymour	*New Haven, Conn.*	34 Hillhouse av.
Harry Shaw	*Whitinsville, Mass.*	420 B.
Lewis Palmer Skidmore	*Bridgeport, Conn.*	Bridgeport
Alice Welles Skinner	*Guilford, Conn.*	Guilford
Mabel Grace Smith	*North Haven, Conn.*	North Haven
Mary Anita Soulé	*Paris, France*	84 Wall st.
Ethel Stone	*Troy, N. Y.*	70 Howe st.
John Alden Twachtman	*Greenwich, Conn.*	83 Grove st.
Theodora VanName	*New Haven, Conn.*	121 High st.
Michele Jovanna Vito	*New Haven, Conn.*	25 Franklin st.
Edith Dean Weir	*New Haven, Conn.*	58 Trumbull st.
Alice Hull Wetmore	*Winsted, Conn.*	Winsted
Blanche Wheat	*New Haven, Conn.*	91 Norton st.
Sarah May Whittaker	*Wallingford, Conn.*	Wallingford
Mary Elizabeth Whittelsey	*New Haven, Conn.*	367 Prospect st.
Harry Parker Wood	*Gloversville, N. Y.*	569 P.
John Kellogg Woodruff	*Bridgeport, Conn.*	Bridgeport
Susan Silliman Wright	*New Haven, Conn.*	73 York sq.
Henry Bingham Bartlett Yergason	*Cincinnati, O.*	391 B.
Truman Post Young	*St. Louis, Mo.*	251 L.
Anna Russell Zeller	*Bridgeport, Conn.*	Bridgeport

STUDENTS, 78

In addition to the above, 186 students, comprising the Freshman Class of the Sheffield Scientific School, receive instruction in free-hand drawing in the Art School.

DEPARTMENT OF MUSIC

Willis Howard Alling	*New Haven, Conn.*	310 Orange st.
William DeVerne Beach, B.A. Yale University 1897	*Bridgeport, Conn.*	96 W.D.
Jessie Clarke Beecher	*Shelton, Conn.*	Shelton
Catherine Elizabeth Blatchley	*New Haven, Conn.*	219 Blatchley av.
Antoinette Brett	*New Haven, Conn.*	195 James st.
Arthur Lincoln Bristol	*New Haven, Conn.*	191 Exchange st.
William Woods Chandler, B.A. Yale University 1896	*New Haven, Conn.*	31 High st.
Alice Josephine Cheney	*New Haven, Conn.*	45 Elm st.
Bertha Gibson Coe	*Madison, Conn.*	Madison
Florence May Cornwall	*Milford, Conn.*	Milford
Matthew Patison Cornwall	*New Haven, Conn.*	402 Crown st.
Florence Isabel Cummings	*Plantsville, Conn.*	Plantsville
Jessie Keyes Dewell	*New Haven, Conn.*	400 Orange st.
Clarence Phelps Dodge	*New York City*	32 V.
Alice Gertrude Foley	*Silver Lane, Conn.*	Silver Lane
Clara Brainerd Forbes	*East Haven, Conn.*	East Haven
Charles Root Fowler	*New Haven, Conn.*	156 F.
Gertrude Agnes Fox	*New Haven, Conn.*	58 Sylvan av.
Weston Spies Gales	*Elizabeth, N. J.*	238 D.
Louis Ferdinand Graeber	*Meriden, Conn.*	Meriden
Julia Stanley Gridley	*Southington, Conn.*	Southington
Adelaide Griggs	*New Haven, Conn.*	99 Edgewood av.
William Edwin Haesche, MUS.B. Yale University 1897	*New Haven, Conn.*	246 Atwater st.
Edward Roswell Hawley	*Huntington, Conn.*	Huntington
Carrie Butler Hendrick	*New Haven, Conn.*	62 Clark st.
Lida J. Hine	*New Haven, Conn.*	587 State st.
M. Louise Hynson	*Woodmont, Conn.*	Woodmont
Charles Edward Ives	*Danbury, Conn.*	76 S. M.
Harry Benjamin Jepson, B.A. Yale University 1893, MUS.B. Yale University 1894	*New Haven, Conn.*	52 Howe st.
Ellis Oliver Jones, Jr.	*Columbus, O.*	253 I..
Henry Stanley Knight	*New Haven, Conn.*	32 Pearl st.
William Jacob Kraft	*Bristol, Conn.*	Bristol
Hattie Lambert	*New Haven, Conn.*	43 Whalley av.
Frederick August Lehlbach	*Newark, N. J.*	316 W.
Porter Hodge Linthicum	*Evansville, Ind.*	311 York st.

Edward Britton Manville	*New Haven, Conn.*	379 George st.
Egbert Shepard Marsh	*Bridgeport, Conn.*	Bridgeport
George Henry Mitchell	*New York City*	290 w.
Edward Colman Moore	*Moline, Ill.*	314 Crown st.
Charles Edward Moulthrop	*West Haven, Conn.*	West Haven
Mary Elizabeth Nicoll	*New Haven, Conn.*	86 Broadway
William Henry Owen, Jr., B.A. Yale University 1897	*New York City*	24 High st.
Edith Burr Palmer	*New Haven, Conn.*	127 Whitney av.
Holbrook Perrin	*Hartford, Conn.*	Hartford
Lola G. E. Phinney	*New Haven, Conn.*	313 York st.
Sadie Burton Pickett	*Seymour, Conn.*	Seymour
Alfred Ernest Richards	*Hartford, Conn.*	142 F.
William Hall Robertson	*New Haven, Conn.*	10 Pearl st.
David Stanley Smith	*Toledo, O.*	7 Library st.
Stanley Blake Smith	*New Haven, Conn.*	273 Orchard st.
Thomas Max Smith	*Yonkers, N. Y.*	203 D.
Emma Spieske	*Hartford, Conn.*	Hartford
Maud Louise Studley	*New Haven, Conn.*	601 Elm st.
Irene Gertrude Taylor	*Saugatuck, Conn.*	Saugatuck
Annie Thomas	*New Haven, Conn.*	96 Sherman av.
Everard Judson Thompson	*New Haven, Conn.*	215 Crown st.
George John Trinkaus	*Bridgeport, Conn.*	Bridgeport
Ralph Gibbs VanName	*New Haven, Conn.*	350 WH.
Leslie Vaughn	*Bridgeport, Conn.*	Bridgeport
Ruth Wallace	*Ansonia, Conn.*	Ansonia
Ezra Joseph Warner, Jr.	*Lake Forest, Ill.*	27 V.
Anna Gardiner Westcott	*Hartford, Conn.*	Hartford
Frederick Willoughby Weston	*New York City*	290 W.
Sarah Tracy Whitney	*New Haven, Conn.*	800 Whitney av.
Charles Sherrill Wilcox	*East Haven, Conn.*	Morris Cove
Martha Josephine Williams	*New Haven, Conn.*	33 Wall st.
Edward Esher Yaggy	*Lake Forest, Ill.*	25 V.
Yoshi Yamaguchi	*Kyoto, Japan*	351 Washington st.
Leila May Young	*New Haven, Conn.*	131 High st.
Charles Hamline Zimmerman, M.A. Northwestern Univ. 1891, PH.D. Yale Univ. 1897	*Evanston, Ill.*	83 Grove st.

STUDENTS, 70

COURSES FOR TEACHERS

Elizabeth Allen	*New Haven*	576 Columbus av.
Mary E. Andrew	*New Haven*	80 Ward st.
M. Isabel Ayer	*Unionville*	Unionville
Susan A. Bacon	*New Haven*	294 Elm st.
Annabel Baldwin	*New Haven*	141 Dwight st.
Ernest H. Baldwin	*Cheshire*	Cheshire
Helen H. Baldwin	*New Haven*	44 Wall st.
Georgia S. Barber	*New Haven*	19 Wall st.
Lucia B. Barnes	*Montowese*	Montowese
May Bauman	*New Haven*	98 Ward st.
Emily K. Beach	*New Haven*	56 Whalley av.
Harry D. Benedict	*Wilton*	Wilton
Arthur S. Bibbins	*Darien*	Darien
Julia A. Bidwell	*New Haven*	68 William st.
Isabel B. Bird	*New Haven*	76 Howe st.
Beata W. Bissell	*New Haven*	308 Crown st.
Mary C. Blakeslee	*New Haven*	Cedar Hill
Anna P. Bradley	*New Haven*	352 Whitney av.
Maria L. Breen	*New Haven*	573 George st.
Anna S. Brennan	*New Haven*	59 Kimberly av.
Mary J. Bronson	*New Haven*	23 Trumbull st.
Leverett H. Brown	*New Haven*	104 Prospect st.
Mary W. Brown	*New Haven*	581 Elm st.
S. Ellen Brown	*New Haven*	25 Whalley av.
Mary R. Burwell	*New Haven*	67 Howe st
Jennie I. Campbell	*Wallingford*	Wallingford
Ellor E. Carlisle	*New Haven*	101 Humphrey st.
Susan P. Clapp	*Hartford*	Hartford
Marion W. Clark	*Saybrook*	Saybrook
Sally T. Clark	*New Haven*	444 Orange st.
Elizabeth W. Cleaveland	*New Haven*	89 Whalley av.
Minnie Cogswell	*New Haven*	140 Humphrey st.
Anna E. Colgan	*New Haven*	118 Ashmun st.
Cornelia A. Comstock	*Meriden*	Meriden
Harriet B. Comstock	*New Haven*	56 Whalley av.
Phebe E. Conkling	*Naugatuck*	Naugatuck
Gertrude L. Cooper	*New Haven*	57 Pine st.
Josephine T. Costello	*New Haven*	52 Prince st.

Edith S. Culver	*New Haven*	59 Atwater st.
Frederick A. Curtiss	*Saybrook*	Saybrook
Ella Daniels	*Meriden*	Meriden
Mary L. Daniels	*New Haven*	84 Wall st.
Susan L. Davis	*New Haven*	361 George st.
Anna L. Dickerman	*New Haven*	276 Orange st.
Susan H. Evans	*New Haven*	33 Wall st.
Albert B. Fifield	*New Haven*	442 George st.
John S. Fitzpatrick	*Naugatuck*	Naugatuck
Alice G. Ford	*New Haven*	768 Whalley av.
George L. Fox	*New Haven*	7 College st.
Margaret I. Galbraith	*New Haven*	178 Blatchley av.
William E. Gardner	*Meriden*	Meriden
Harriet Goodrich	*New Haven*	177 Lawrence st.
Carolyn A. Goodwin	*Hartford*	Hartford
Louise A. Griggs	*New Haven*	381 George st.
Alice Griswold	*Branford*	Branford
Irene O. Griswold	*Branford*	Branford
Jessie E. Guernsey	*New Britain*	New Britain
Ida A. Hague	*New Haven*	65 Clark st.
Agnes L. Hall	*New Haven*	38 Lynwood st.
Edith M. Hanna	*New Haven*	67 Pearl st.
Katherine T. Harty	*New Haven*	187 Blatchley av.
Eleanor F. Healey	*New Haven*	23 Home pl.
Anna E. Hennig	*New Haven*	40 Whiting st.
Anna Hintz	*New Haven*	1176 Chapel st.
Elizabeth Hodgdon	*New Haven*	21 Lynwood st.
Harry Houston	*New Haven*	693 Elm st.
J. D. Houston	*New Haven*	385 Whalley av.
John I. Hover	*Stamford*	Stamford
Ruth P. Hume	*New Haven*	24 Court st.
Jean L. Hunt	*New Milford*	New Milford
George B. Hurd	*New Haven*	59 Lake pl.
Clara A. Hurlbut	*New Haven*	1249 Chapel st.
Annie S. Johnson	*New Haven*	374 Grand av.
Edith E. Johnson	*New Haven*	339 York st.
Frances Johnson	*New Haven*	
Mary S. Johnstone	*New Haven*	97 Whitney av.
Mary A. Judd	*New Haven*	66 Nash st.
Edna M. Judson	*New Haven*	315 Orchard st.
Calvin N. Kendall	*New Haven*	139 Humphrey st.
Mary E. Kinsella	*New Haven*	817 Orange st.
Susie B. Kinner	*West Haven*	West Haven
David D. Lambert	*New Haven*	234 Howard av.

Mary E. Lathrop	*Derby*	Derby
Cathie M. Leary	*Naugatuck*	Naugatuck
Elizabeth Leary	*Naugatuck*	Naugatuck
Sarah M. Lewis	*New Haven*	75 Third st.
Herbert N. Loomis	*New Haven*	101 Humphrey st.
Mary E. Lyman	*Middlefield*	Middlefield
Anna A. McAlister	*New Haven*	119 College st.
Clarence S. McLean	*Westville*	Westville
Luthera A. Mansfield	*New Haven*	120 High st.
Herbert I. Mathewson	*Milford*	Milford
Adella Merwin	*New Haven*	33 Wall st.
Jane A. Mills	*Middlefield*	Middlefield
George A. Mirick	*New Haven*	177 Lawrence st.
Rose A. Moriarty	*New Haven*	116 Lloyd st.
M. E. Newell	*Meriden*	Meriden
Caroline L. Nicoll	*New Haven*	86 Broadway
Ida Norton	*New Haven*	85 Ward st.
Edith B. Palmer	*New Haven*	127 Whitney av.
Mary L. Parmelee	*New Haven*	118 Atwater st.
Caroline A. Parsons	*New Haven*	196 Blatchley av.
Eva J. Phelps	*New Haven*	18 Washington st.
Gertrude Phillips	*New Haven*	33 Wall st.
Jessie D. Pierson	*New Haven*	184 Thompson st.
Anna S. Planten	*New Haven*	41 Day st.
Janet M. Purdue	*New Haven*	24 Orchard st.
William C. Raymond	*Hamden*	Hamden
Alice E. Reynolds	*New Haven*	101 Humphrey st.
Nellie J. Riggs	*New Haven*	252 Orchard st.
Alice M. Roche	*New Haven*	52 Prince st.
Evelina Rockwell	*New Haven*	11 Center st.
Ada L. Ruth	*New Haven*	11 Garden st.
Jessie I. Scranton	*New Haven*	114 Lawrence st.
Nellie T. Scranton	*New Haven*	568 Chapel st.
Fannie L. Seward	*Unionville*	Unionville
Stella Skinner	*New Haven*	137 Wall st.
Julia Smith	*New Haven*	59 E. Pearl st.
Kate F. Smith	*New Haven*	1150 Chapel st.
Minnie H. Smith	*West Haven*	West Haven
Mary Smyth	*New Haven*	328 Temple st.
Ada T. Somers	*New Haven*	218 Goffe st.
Harriet M. Stone	*Wethersfield*	Wethersfield
Caroline E. Taylor	*New Haven*	476 Winthrop av.
Fanny A. Terrill	*New Haven*	285 York st.
Emily F. Thacher	*New Haven*	91 Park st.

I. Maude Tisdale	*New Haven*	268 Orchard st.
Mabel E. Tozier	*New Haven*	56 Whalley av.
Mary G. Tuttle	*New Haven*	80 Hill st.
Anna M. Twitchell	*New Haven*	56 Howe st.
Clara B. Underwood	*New Haven*	449 Edgewood av.
Alice J. Walker	*New Haven*	97 Whitney av.
Adeline S. Wallace	*New Haven*	672 Elm st.
Charlotte Warner	*New Haven*	33 Broadway
Clarine Warner	*New Haven*	1370 Chapel st.
Mary G. Warner	*New Haven*	92 Clark st.
M. Rachel Webster	*New Haven*	38 Howe st.
Cornelia G. Welch	*New Haven*	1452 Chapel st.
Marian Welch	*New Haven*	1452 Chapel st.
Teresa A. Whalen	*New Haven*	380 Winthrop av.
Bertha S. Wildman	*Wallingford*	Wallingford
Clara A. Wildman	*Wallingford*	Wallingford
Sarah S. Wilson	*New Haven*	379 Crown st.
M. Elmina Woodruff	*New Haven*	1 Howe st.
Harriet E. Wright	*New Haven*	33 Wall st.

COURSES FOR TEACHERS, 145

DEPARTMENT OF THEOLOGY
(YALE DIVINITY SCHOOL)

RESIDENT LICENTIATES,

ATTENDING LECTURES

Henry Blatz, Jr., Alleghany College	*Westville, Conn.*	Westville
Loyal Bradford	*Manchester Centre, Vt.*	53 E. D.
Charles Dow Crawford, B.A. Drury College 1888, B.D. Yale University 1890	*New Haven, Conn.*	48 E. D.
John Gaskin Dunlap	*Kingston, Canada*	241 Sherman av.
Allyn King Foster, Southern Baptist Theol. Sem.	*New Haven, Conn.*	263 Crown st.
Clinton Decatur Hazel	*Ansonia, Conn.*	Ansonia
William Gilbert Lathrop, B.A. Brown University 1889, B.D. Yale University 1892	*North Haven, Conn.*	North Haven
Harry Ernest Peabody, B.A. Harvard Univ. 1887, B.D. Yale University 1891	*New Haven, Conn.*	506 Howard av.
Hilton Pedley, B.A. McGill Univ. 1888, Congregational College of N. B. A. 1889	*New Haven, Conn.*	241 Sherman av.
Grant Lincoln Schaeffer, B.A. Lebanon Valley College 1891, B.D. Yale Univ. 1897	*Oxford, Conn.*	Oxford
Jacob Suter	*New Haven, Conn.*	19 Broad st.

RESIDENT LICENTIATES, 11

GRADUATE CLASS

PURSUING FOURTH YEAR STUDIES

Hampartsoon Hagop Ashjian, B.D. Yale University 1896	*Marash, Turkey*	120 W. D.
Thomas Nelson Baker, B.A. Boston University 1893, B.D. Yale University 1896	*Eastville, Va.*	35 Foote st.
Armenag Harutune Haigazian, B.A. Central Turkey Coll. 1889, S.T.B. Hartford Theol. Seminary 1896	*Hadjin, Turkey*	22 E. D.

Archibald McClelland Hall, PH.D. Butler University 1892, B.D. Yale University 1897	*Irvington, Ind.*	8 E. D.
Peter Adelstein Johnson, PH.B. Tabor College 1893, B.D. Yale University 1897	*Marshall, Minn.*	17 E. D.
Harvey Merrill Lawson, PH.B. Yale University 1890, B.D. Yale University 1893	*New Haven, Conn.*	92 Park st.
Charles Stedman Macfarland, B.D. Yale University 1897	*Melrose, Mass.*	23 E. D.
John Graham McIvor, B.A. Univ. of Glasgow 1882, United Presb. Coll., Edinburgh, 1886	*New Dominion, P. E. I., Canada*	118 W. D.
Ishiro Miyaki, The Doshisha, Japan, 1894	*Kumamato, Japan*	46 E. D.
Jenichiro Oyabe, B.D. Yale University 1895	*Tokyo, Japan*	33 E. D.
Harry Frank Rall, M.A. University of Iowa 1894, B.D. Yale University 1897	*Des Moines, Iowa*	Berlin, Germany
Teinosuke Sakata, The Doshisha, Japan, 1892	*Kyoto, Japan*	99 W. D.
Benjamin Mead Wright, B.D. Yale University 1897	*Orange, Conn.*	Orange

GRADUATE CLASS, 13

SENIOR CLASS

Hagope Hovhannes Bayunderian, B.A. Anatolia College 1895	*Sivas, Turkey*	119 W. D.
Quincy Blakely, B.A. Dartmouth College 1894	*Laconia, N. H.*	94 W. D.
Francis Chase Bliss, B.A. Brown University 1894	*Newport, R. I.*	73 W. D.
Charles Bertrand Burwash Bowser, B.A. Harvard University 1895	*Wakefield, Mass.*	105 W. D.
Aaron Breck, B.A. Washburn College 1895	*Lawrence, Kansas*	25 E. D.
Burdette Boardman Brown, M.A. Alfred University 1891	*Andover, N. Y.*	79 W. D.
John Collings Caton, B.A. Princeton University 1895	*Manchester, England*	14 E. D.
John Pitt Deane, B.A. Cornell University 1890	*Crown Point, N. Y.*	95 W. D.
Will Chester Ferris, B.L. University of Wisconsin 1895	*Waupun, Wisc.*	19 E. D.

Knut Emil Forsell, B.A. Carleton College 1894	*New Haven, Conn.*	38 E. D.
Arthur Elieda Fraser, B.A. Beloit College 1894	*Sioux City, Iowa*	55 W. D.
Howard Dean French, B.A. Amherst College 1895	*Chicago, Ill.*	42 E. D.
Frederic William Heberlein, B.A. Ripon College 1895	*Briggsville, Wisc.*	80 W. D.
Harold Lynde Hopkins, PH.B. Oberlin College 1894	*Eugene, Oregon*	32 E. D.
Rowland Hughes, Carmarthen College 1895	*Dolyddelan, Wales*	35 E. D.
John King Moore, B.A. Yale University 1895	*Hartford, Conn.*	87 W. D.
Ira Elias Pinney, B.A. Middlebury College 1891	*Ludlow, Vt.*	18 E. D.
Edgar Heaton Price, B.A. Drury College 1895	*Duval, Mo.*	93 W. D.
David Perry Rice, B.A. University of Minnesota 1895	*Rockland, Mass.*	30 E. D.
Jesse Eugene Sarles, B.A. University of Wisconsin 1894	*Boscobel, Wisc.*	78 Lake pl.
Harry Sargeant Scarborough, B.A. Yale University 1895	*Baltimore, Md.*	88 W. D.
Christian Horning Shirk, B.S. Albright Collegiate Institute 1896	*Manheim, Pa.*	29 E. D.
Walter Spence, B.A. Emory and Henry College 1888	*Rural Retreat, Va.*	50 E. D.
Cyrus Flint Stimson, B.A. Colby University 1893	*Bridgeport, Conn.*	Bridgeport
Walter Bullard Street, B.A. Williams College 1892	*Lee, Mass.*	84 W. D.
Horace Montgomery Witman, B.A. Pennsylvania College 1895	*Harrisburg, Pa.*	82 W. D.
Herbert James Wyckoff, B.A. Yale University 1892	*New Haven, Conn.*	89 Pearl st.
Stephen Bogos Yacobian, B.A. Central Turkey College 1886	*Aintab, Turkey*	92 Webster st.

SENIOR CLASS, 28

MIDDLE CLASS

Arthur Adelbert Amy, B.A. Beloit College, 1896	*Baraboo, Wisc.*	97 W. D.
Frelon Eugene Bolster, B.A. Amherst College 1896	*Portland, Me.*	102 W. D.

Donald Grey Colp, B.A. Fargo College 1896	*Tacoma, Wash.*	6 E. D.
Ernest Ellsworth Day, B.A. University of Minnesota 1895	*Minneapolis, Minn.*	24 E. D.
Edward Russell Evans, B.A. Amherst College 1894	*Amherst, Mass.*	83 W. D.
Chauncey Jeddie Hawkins, B.A. University of the Pacific 1896	*Suisun, Cal.*	81 W. D.
John Andrew Holmes, B.S. Upper Iowa University 1895	*Fayette, Iowa*	110 W. D.
Charles Arthur Jaquith, B.A. Dartmouth College 1896	*North Thetford, Vt.*	90 W. D.
Albert Corey Jones, B.A. Yale University 1896	*New Haven, Conn.*	84 William st.
Herbert Atchinson Jump, B.A. Amherst College 1896	*Albany, N. Y.*	44 E. D.
Eugene William Lyman, B.A. Amherst College 1894	*Cummington, Mass.*	27 E. D.
Frank Barr McAllister, B.A. Amherst College 1896	*Lawrence, Mass.*	104 W. D.
Frederick Charles McClave, B.A. Oberlin College 1895	*Steubenville, O.*	21 E. D.
Fred Hulse Mapes, B.A. Williams College 1896	*Middletown, N. Y.*	51 E. D.
David Yeretsian Moor, B.A. Williams College 1896	*Williamstown, Mass.*	40 E. D.
Warren Morse, Williams College	*Bridgewater, Conn.*	2 E. D.
Edwin Bradford Robinson, B.A. Amherst College 1896	*Winchester, Mass.*	103 W. D.
Baxter Waters, B.A. Christian University 1894	*Canton, Mo.*	78 W. D.
Burt Leon York, B.A. Amherst College 1896	*Putnam, Conn.*	131 Dixwell av.
Edwin Gaines Zellars, B.A. Lane University 1896	*Lecompton, Kansas*	98 W. D.

MIDDLE CLASS, 20

JUNIOR CLASS

Alexis Andreen, B.A. Bethany College 1895	*Lindsborg, Kansas*	399 Elm st.
Oliver Perry Avery, Colorado College	*Preston City, Conn.*	49 E. D.
Arthur Ward Bailey, B.A. Williams College 1896	*Wollaston, Mass.*	113 W. D.
Charles Martin Barrell, B.A. Bates College 1897	*Auburn, Me.*	53 E. D.

William DeVerne Beach, B.A. Yale University 1897	*Bridgeport, Conn.*	96 W. D.
Mardiros Hagope Bozian, B.A. Euphrates College 1895	*Harpoot, Turkey*	122 Howe st.
George Manley Butler, B.A. Amherst College 1897	*Northampton, Mass.*	45 E. D.
William James Calyer, B.A. Yale University 1897	*Cronomer Valley, N. Y.*	31 E. D.
Loring Bertie Chase, B.A. Amherst College 1897	*Marlboro, N. H.*	26 E. D.
William Francis Clark, B.A. Yale University 1897	*Meriden, Conn.*	31 E. D.
Thomas Arthur Dungan, B.A. Colorado College 1897	*Otis, Col.*	49 E. D.
Frederick Leverett Emmons, B.A. Yale University 1897	*East Hartland, Conn.*	37 E. D.
Edwin Benjamin Ferguson	*Buffalo, N. Y.*	54 E. D.
Philip Loring Gillett, B.A. Colorado College 1897	*Colorado Springs, Col.*	34 E. D.
Chas. Aug. Theodore Hoffman, B.A. Yale University 1897	*Rockville, Conn.*	43 E. D.
Jiroku Kawabe, The Doshisha, Japan, 1893	*Kyoto, Japan*	46 E. D.
Harry Welton Kidder, B.A. Amherst College 1897	*Northampton, Mass.*	28 E. D.
Joseph Bardwell Lyman, PH.B. Univ. of the City of N. Y. 1894	*Stapleton, S. I., N. Y.*	39 E. D.
Williams Grant McCann, B.A. Yale University 1897	*Philadelphia. Pa.*	110 Gilbert av.
Donald McIver, B.A. Univ. of North Carolina 1897	*Sanford, N. C.*	108 W. D.
Charles Greenway Marshall, B.A. Oberlin College 1897	*McGregor, Iowa*	36 E. D.
James Malcolm Nicol, B.A. University of Toronto 1897	*London, Ont., Canada*	109 W. D.
John Daniel Nisewonder, Western College	*Toledo, Iowa*	20 E. D.
George Lawrence Parker,	*Louisville, Ky.*	75 W. D.
John Oswald Reagle, B.A. Ursinus College 1897	*Mt. Bethel, Pa.*	36 E. D.
Benjamin Franklin Root, B.A. College of Emporia 1897	*Bridgeport, Conn.*	Bridgeport
Charles Lysander Storrs, Jr., B.A. Amherst College 1896	*Boston, Mass.*	111 W. D.
Arthur Charles Watkins, B.A. Johns Hopkins Univ. 1895	*Auburn. N. Y.*	112 W. D.
John Edward Whitley, B.A. Drury College 1897	*Springfield, Mo.*	47 E. D.

Arthur Vyne Woodworth, B.A.
Amherst College 1893 } *Berlin, Conn.* 26 E. D.

JUNIOR CLASS, 30

SUMMARY

RESIDENT LICENTIATES,	11
GRADUATE CLASS,	13
SENIOR CLASS,	28
MIDDLE CLASS,	20
JUNIOR CLASS,	30
TOTAL,	102

DEPARTMENT OF MEDICINE
(YALE MEDICAL SCHOOL)

GRADUATE STUDENTS

Henry Harrison Briggs, M.D. Yale University 1897	*Flag Pond, Tenn.*	1098 Chapel st.
William Tilson Erwin, M.D. Chattanooga Med. Coll. 1897	*Johnson City, Tenn.*	295 York st.
Edward Francis McIntosh, M.D. Yale University 1897	*New Haven, Conn.*	53 Lake pl.
Nicola Mariani, M.D. Univ. of Naples 1893	*New Haven, Conn.*	921 Grand av.

GRADUATE CLASS, 4.

SENIOR CLASS

Frederick Tremaine Billings	*Washington, D. C.*	333 York st.
Clifford Brewster Brainard, PH.B. Yale University 1894	*Bristol, Conn.*	159 Elm st.
Frank Patrick Broderick	*Jamaica Plain, Mass.*	335 George st.
Philip DuBois Bunting	*Ellenville, N. Y.*	73 Henry st.
William Timothy Cannon	*New Haven, Conn.*	57 Liberty st.
Albert Edward Cobb	*Norfolk, Conn.*	121 York st.
Jeremiah Joseph Cohane	*New Haven, Conn.*	27 Haven st.
Raymond DelMas	*New Haven, Conn.*	845 Grand av.
Arthur Hall Dundon	*Bridgeport, Conn.*	163 York st.
Richard Matthew English	*New Haven, Conn.*	226 Greenwich av.
Joseph John Guilshan	*Westfield, Mass.*	159 York st.
Francis Patrick Heery	*New Haven, Conn.*	80 Hamilton st.
Alfred Harold Hine	*New Haven, Conn.*	121 York st.
William Joseph Hogan	*Torrington, Conn.*	1098 Chapel st.
Russell Hulbert	*Middletown, Conn.*	159 York st.
Frederick Walter Hulseberg	*London, England*	333 York st.
Henry Edward Hungerford	*Bristol, Conn.*	249 Crown st.
Julius Harold Hurst	*Lytham, England*	1153 Chapel st.
Julius Stirling Loomis	*Springfield, Mass.*	333 York st.
Terence Stephen McDermott	*New Haven, Conn.*	216 Congress av.
Arshag Der Margosian, B.A. Euphrates College 1894	*Harpoot, Turkey*	129 Howe st.
William Wright Markoe	*Orange, Mass.*	1179 Chapel st.
William Richard Munger	*New London, Conn.*	305 George st.
Frank Wesley Nolan	*Springfield, Mass.*	65 Olive st.

Timothy Grattan O'Connell	*Bristol, Conn.*	West Haven
Edward Emmet O'Donnell	*Ansonia, Conn.*	Ansonia
Frank Judson Parker, PH.B. Yale University 1895	*Branford, Conn.*	1161 Chapel st.
James Locke Perkins	*Concord, N. H.*	293 York st.
Lewis Beers Porter	*New Haven, Conn.*	183 Portsea st.
Wyeth Elliott Ray	*New Haven, Conn.*	120 Kimberly av.
Charles Ambler Rider	*W. Redding, Conn.*	78 Edgewood av.
Henry Cottrell Rowland	*Greenwich, Conn.*	1161 Chapel st.
Robert Cowan Sellew	*Waterbury, Conn.*	305 George st.
Milton See Sherwood	*Pocantico Hills, N. Y.*	121 York st.
Charles Lancelot Proctor Smith	*New Haven, Conn.*	450 Elm st.
Lucius Harrison Stewart	*Rutland, Vt.*	159 York st.
Heman Augustus Tyler, Jr.	*Hartford, Conn.*	279 Crown st.
Harry Goldsborough Watson, M.A. Western Md. College 1892	*Centerville, Md.*	305 George st.

SENIOR CLASS, 38

JUNIOR CLASS

Thomas Joseph Bergin, B.A. Yale University 1896	*New Haven, Conn.*	14 Daggett st.
John Ladd Burnham, B.A. Yale University 1896	*Springfield, Mass.*	100 Dwight st.
Dean Foster, B.A. Univ. of Kansas 1896	*Medford, Oklahoma*	427 Temple st.
James Pullman, B.A. Wesleyan University 1896	*Bridgeport, Conn.*	Bridgeport
Edward Dorland Smith, B.A. Yale University 1896	*Peru, N. Y.*	123 York st.
Albert Eugene VonTobel, B.A. Yale University 1896	*Torrington, Conn.*	100 Dwight st.

JUNIOR CLASS, 6

SECOND YEAR

Willard Fiske Ashley, PH.B. Yale University 1897	*Waterbury, Conn.*	91 Lake pl.
William Edward Balmer, B.A. Yale University 1897	*Whitinsville, Mass.*	109 Wall st.
John Harry Diederichs Budau	*Bridgeport, Conn.*	Bridgeport
George Lamb Buist, Jr., B.A. Yale University 1896	*Charleston, S. C.*	120 College st.
George Lincoln Bunnell, PH.B. Yale University 1896	*Bridgeport, Conn.*	63 W. D.
Russell Shepard Church	*Bristol, R. I.*	109 York st.

John Peter Colgan	*New Haven, Conn.*	118 Ashmun st.
Frederick Coonley, B.A. Yale University 1896	*Port Richmond, N. Y.*	333 York st.
Cyrus West Field	*New York City*	1161 Chapel st.
William Joseph Flannery	*New Britain, Conn.*	New Britain
Nathan Leroy Griffin	*New London, N. H.*	19 Sylvan av.
Edgar Francis Hamlin	*Plantsville, Conn.*	391 Crown st.
Charles William Henze	*New Haven, Conn.*	131 West st.
Edward Lapham Hill	*Waldoboro, Me.*	19 Sylvan av.
Thomas Vincent Hynes	*S. Meriden, Conn.*	S. Meriden
John Wagner Ives	*West Goshen, Conn.*	88 Park st.
Hubert Asabel Lane, PH.B. Yale University 1897	*Russell, Pa.*	1098 Chapel st.
Henry Edwin McDermott, B.A. Yale University 1896	*New Haven, Conn.*	268 Orchard st.
Arthur Samuel McQueen	*New Haven, Conn.*	11½ Park st.
William John Maroney	*Springfield, Mass.*	121 York st.
Herman Canfield Pitts	*Corpus Christi, Tex.*	91 W. D.
Charles Oscar Purinton, PH.B. Yale University 1897	*New Hartford, Conn.*	104 Lake pl.
James Francis Quinn	*New Haven, Conn.*	14 Anderson st.
Charles William Snyder, B.A. Fisk University 1896	*Hartford, Conn.*	1016 Chapel st.
Paul Russel Stetson	*Westville, Conn.*	Westville
Frank Willie Stevens	*New Haven, Conn.*	109 York st.
Harold Appleton Tarbell	*Bridgeport, Conn.*	9 Cottage st.
Louis Joseph Thibault	*Waterbury, Conn.*	528 Chapel st.
Robert Graham Tracy	*New Haven, Conn.*	216 Cedar st.
Wesley Grove Vincent, B.A. Yale University 1896	*Cottage City, Mass.*	532 P.
Noah Samuel Wadhams, PH.B. Yale University 1897	*New Haven, Conn.*	22 Prince st.
John George Williams	*Branford, Conn.*	109 York st.
William Houston Wright	*Bridgeport, O.*	1016 Chapel st.

SECOND YEAR, 33

FIRST YEAR

Frank Goodwin Attwood	*Woodbury, Conn.*	68 Edgewood av.
George Arthur Blakeslee	*New Haven, Conn.*	39 Ward st.
George Michael Bowen	*New Britain, Conn.*	New Britain
Zakar Elisha Boyajian, B.A. Euphrates College 1895	*Harpoot, Turkey*	129 Howe st.

Irving Edwin Brainard	*Bristol, Conn.*	159 Elm st.
Harry Carter	*South Meriden, Conn.*	391 Crown st.
Edgar Garrie Clark	*New Haven, Conn.*	100 Portsea st.
William Garth Clopton	*New York City*	75 Broadway
William Joseph Cooney	*New Haven, Conn.*	107 Greene st.
Patrick Vincent Costello	*New Haven, Conn.*	214 Franklin st.
Clarence Joseph Downey	*New Haven, Conn.*	558 Grand av.
Robert Nelson Fuller	*New Haven, Conn.*	40 Kensington st.
John Stuart Gillespie	*Brooklyn, N. Y.*	126 Wall st.
Samuel Gurney	*Bridgeport, Conn.*	Bridgeport
Gould Shelton Higgins	*Hanover, Conn.*	142 York st.
William McKimmie Higgins	*Thompsonville, Conn.*	404 Crown st.
Edward Charles Krause	*New Haven, Conn.*	26 Ward st.
Leone Franklin LaPierre	*Norwich, Conn.*	123 York st.
Walter Sidders Lay	*Westbrook, Conn.*	560 Winthrop av.
Arthur Field Lindley	*Montclair, N. J.*	1161 Chapel st.
Howard DeForest Lockwood	*Bridgeport, Conn.*	Bridgeport
Joseph Abraham Loeb	*New Haven, Conn.*	200 Franklin st.
Nelson Amos Ludington, Jr.	*New Haven, Conn.*	238 Grand av.
William Thomas McGuire	*New Haven, Conn.*	96 Sylvan av.
Thomas Francis Maher	*New Haven, Conn.*	133 Nash st.
Frederick Fletcher Maloney	*Dundee, N. Y.*	1044 Chapel st.
George August May	*Philadelphia, Pa.*	Gymnasium
Esaie Garabed Missirian	*New Haven, Conn.*	168 Edgewood av.
James Percival Morrill	*Springfield, Mass.*	121 York st.
Elbert Ames Munsell	*New Haven, Conn.*	178 Quinnipiac st.
Walter Leroy Murray	*New Haven, Conn.*	321 Cedar st.
Frank Athos O'Brien	*New York City*	128 High st.
Cyrus Edmond Pendleton	*Hebron, Conn.*	373 Crown st.
Frank Edward Phillips	*New Haven, Conn.*	23 Dorman st.
Harris Starr Pomeroy	*Willimantic, Conn.*	159 York st.
Hubert Washington Ross	*New Haven, Conn.*	80 Webster st.
Nicola Maria Sansone	*Bridgeport, Conn.*	12 Lafayette st.
Ralph Hugo Schneeloch	*New Haven, Conn.*	294 Elm st.
Fred Hurd Scofield	*Bridgeport, Conn.*	Bridgeport
Harry Gifford Steward	*Bridgeport, Conn.*	Bridgeport
George Streit	*New Haven, Conn.*	S. Quinnipiac st.
Ellsworth Grenville Warner	*Hamden, Conn.*	Hamden
James Burt Williams	*Bridgeport, Conn.*	Bridgeport
Orin Russell Witter	*Chaplin, Conn.*	159 York st.
Alfred Burdette Wood	*Hartford, Conn.*	279 Crown st.

FIRST YEAR, 45

SPECIAL STUDENTS

John Gauld	*New Haven, Conn.*	39 Frank st.
Adolph Ernest Seydel	*New Haven, Conn.*	54 Frank st.

SPECIAL STUDENTS, 2

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DEPARTMENT OF LAW

(YALE LAW SCHOOL)

GRADUATE STUDENTS

William Francis Alcorn, LL.B. Yale Univ. 1897, Attorney at Law	*Suffield, Conn.*	1044 Chapel st.
Charles Hammond Blatchford, B.S. Cornell University 1895, LL.B. Northwestern University 1897	*Chicago, Ill.*	146 College st.
William Eugene Brooks, LL.B. Yale University 1897	*Worcester, Mass.*	64 Lake pl.
Harry Alonzo Buzzell, LL.B. Yale University 1897	*Cottage City, Mass.*	41 High st.
Edward Luke Clark, Jr., LL.B. Yale Univ. 1897, Attorney at Law	*Orange, Conn.*	322 Elm st.
Adam Frank, Attorney at Law	*New York City*	83 Elm st.
Philip Zachariah Hankey, LL.B. Yale Univ. 1897, Attorney at Law	*Arlington, N. J.*	58 W. D.
Charles Ellis Jennings, Jr., LL.B. N. Y. University 1897	*South Norwalk, Conn.*	S. Norwalk
Michael Ambrose Kilker, LL.B. Yale University 1897	*Girardville, Pa.*	82 Whalley av.
Koreteru Kurahara	*Tokyo, Japan*	150 College st.
Lloyd Lowndes, Jr., B.A. Yale University 1895, LL.B. Yale Univ. 1897, Attorney at Law	*Annapolis, Md.*	83 Elm st.
Carl Ashby Mears, LL.B. Yale University 1897	*Morrill, Me.*	483 Orange st.
Caleb Albert Morse, LL.B. Yale University 1897	*New Haven, Conn.*	107 Edwards st.
David Edward Moulton, LL.B. Yale University 1897	*Portland, Me.*	343 George st.
Taizo Okada, Attorney at Law	*Tokyo, Japan*	39 Lynwood st.
William O'Keefe, Jr., LL.B. Yale Univ. 1897, Attorney at Law	*New Haven, Conn.*	102 Orange st.
George Press Rowell, LL.B. Yale Univ. 1897, Attorney at Law	*Stamford, Conn.*	314 Crown st.
George Foster Sanford, LL.B. Yale University 1897	*New Haven, Conn.*	74 Whalley av.

John Morris Sheppard, B.A. University of Texas 1895, LL.B. Univ. Texas 1897. Attorney at Law	*Pittsburgh, Tex.*	295 York st.
Benjamin Ives Spock, B.A. Yale University 1895, LL.B. Yale Univ. 1897, Attorney at Law	*New Haven, Conn.*	26 Howe st.
George Burton Thayer, LL.B. Yale Univ. 1897, Attorney at Law	*Hartford, Conn.*	Hartford
John Walcott Thompson, B.A. Dartmouth Coll. 1895, LL.B. Yale Univ. 1897, Attorney at Law	*New Haven, Conn.*	56 Grove st.
Robert John Thomson, B.D. Yale University 1894, LL.B. Yale Univ. 1897, Attorney at Law	*Westport, Conn.*	Westport
Richard Henry Tyner, LL.B. Yale Univ. 1894, Attorney at Law	*New Haven, Conn.*	17 Livingston st.
Arthur Ashford Wilder, LL.B. Yale University 1897, Att'y. at Law	*Honolulu, H. I.*	343 George st.

GRADUATE STUDENTS, 25

SENIOR CLASS

Edward William Beattie, Jr., B.A. Yale University 1895	*Helena, Mont.*	27 High st.
John Knox Blake	*Faulkland, Del.*	1002 Chapel st.
William Bradford Boardman, B.A. Yale University 1893	*Bridgeport, Conn.*	94 York sq.
William Livesey Burdick, M.A. Wesleyan Univ. 1885, PH.D. Grant Univ. 1885, Att'y. at Law	*New Haven, Conn.*	38 Avon st.
John Francis Douglas, B.A. Univ. of N. Dakota 1896	*Grafton, N. Dak.*	62 Lake pl.
Willard Newell Drown, B.A. Yale University 1896	*San Francisco, Cal.*	125 High st.
George Woodbury Duncklee, Attorney at Law	*Brookline, Mass.*	595 P.
Walter Buhl Ford, B.A. Yale University 1896	*New Haven, Conn.*	42 Trumbull st.
Clement Austin Fuller, B.A. Yale University 1896	*New Haven, Conn.*	145 Olive st.
Frederick William Gaines, B.A. Yale University 1896	*New Haven, Conn.*	333 York st.
Emile Godchaux, B.A. Yale University 1896	*New Orleans, La.*	125 High st.
Gilbert Lawrence Hedges, B.A. Yale University 1896	*Oregon City, Oregon*	117 Wall st.
Arthur Henry Jones	*Brooklyn, N. Y.*	125 High st.
Edward William Lynch	*New Haven, Conn.*	20 Baldwin st.

Frank Elmer McDuffee, B.A. Yale University 1894	*Bradford, Vt.*	1 Lynwood st.
Samuel MacLauchlan	*New Haven, Conn.*	13 Pleasant st.
Daniel Vincent McNamee	*Philmont, N. Y.*	59 Prospect st.
Phelps Montgomery, B.A. Yale University 1895	*New Haven, Conn.*	221 Whitney av.
Joseph Oudinot Moré, B.A. Yale University 1896	*New Haven, Conn.*	65 W. D.
Charles Southerton Morris, B.A. Yale University 1896	*New Haven, Conn.*	408 Crown st.
Howard Birdseye Peck	*Derby, Conn.*	297 Crown st.
Charles Alfred Pelton, B.A. Yale University 1896	*Clinton, Conn.*	117 Wall st.
Samuel Peterson, PH.D. Yale Univ. 1897, Attorney at Law	*Los Angeles, Cal.*	55 Prospect st.
Addison Strong Pratt, B.A. Yale University 1896	*Fairport, N. Y.*	534 P.
Charles Phineas Sherman, B.A. Yale University 1896	*New Haven, Conn.*	38 Chestnut st.
Edmund Gerald Stalter, B.A. Yale University 1896	*Paterson, N. J.*	527 P.
Eugene Sullivan, Attorney at Law	*Rupert, Ark.*	150 Franklin st.
Harrison Grow Wagner, PH.B. Yale University 1895	*New Haven, Conn.*	40 Pearl st.

SENIORS, 28

MIDDLE CLASS

Arnon Augustus Alling, B.A. Yale University 1896	*New Haven, Conn.*	30 Mansfield st.
William Andrews	*Atlantic Highlands, N. J.*	1044 Chapel st.
William Ansel Arnold, B.A. Yale University 1896	*Willimantic, Conn.*	531 P.
Earlliss Palmer Arvine	*New Haven, Conn.*	1169 Chapel st.
Charles William Birely, B.A. Yale University 1896	*Frederick, Md.*	526 P.
Henry Manchester Boss, Jr.	*Warren, R. I.*	91 W. D.
Laurens Reeve Bowden	*Brooklyn, N. Y.*	109 Wall st.
Thomas Bowen, PH.B. Yale University 1896	*Ansonia, Conn.*	Ansonia
Stanley Pearce Bradish	*New York City*	132 Howe st.
Clay Stone Briggs, Attorney at Law	*Galveston, Tex.*	295 York st.
Hugh Burl Chace	*Lockport, N. Y.*	59 Prospect st.
William Ward Church	*New Haven, Conn.*	89 Sherman av.

Walter Haven Clark, B.A. Yale University 1896	*Hartford, Conn.*	533 P.
Charles Frederic Clemons, B.A. Yale University 1895	*Manchester, Vt.*	66 W. D.
William Thomas Connor	*New London, Conn.*	314 George st.
William Joseph Coughlin, Jr.	*Middletown, Conn.*	251 Crown st.
Thomas James Field, Jr.	*Louisville, Ky.*	1044 Chapel st.
Joseph Fitzpatrick	*New Haven, Conn.*	289 Hamilton st.
Michael Flaherty, Jr., B.A. Yale University 1896	*Derby, Conn.*	Derby
Michael John Flanagan	*Bridgeport, Conn.*	Bridgeport
Arthur Fuller	*Newark, N. J.*	117 Wall st.
Richard Johnston Goodman, B.A. Yale University 1896	*Hartford, Conn.*	427 Temple st.
Nathan Tibbals Gorham	*Hamden, Conn.*	510 Winthrop av.
Eugene Eaton Grimm	*Franklin, Pa.*	1044 Chapel st.
George Elijah Hinman	*Willimantic, Conn.*	18 Edwards st.
Frederick Stephen Jackson, B.A. Yale University 1896	*Waterbury, Conn.*	526 P.
Edward Peck Judd	*Wallingford, Conn.*	63 Olive st.
William Carmody Keane	*New Haven, Conn.*	121 Putnam st.
Roy Lewis McClave	*Steubenville, O.*	21 E. D.
William John McConnell	*Franklin, Pa.*	1044 Chapel st.
George Sutherland McLaren, B.A. Yale University 1896	*Thompsonville, Conn.*	404 Crown st.
Charles Edward Meigs, PH.B. Yale University 1895	*Waterbury, Conn.*	1044 Chapel st.
Clifford Cowles Mix	*Hartford, Conn.*	123 York st.
Thomas Francis Noone	*Rockville, Conn.*	1044 Chapel st.
Frank Evans Northrop	*New Haven, Conn.*	10 Pearl st.
Edward Patrick O'Meara	*New Haven, Conn.*	21 Daggett st.
Albert Oswald Pallman	*New Haven, Conn.*	494 Winthrop av.
Arthur James Raney	*Stillman Valley, Ill.*	1044 Chapel st.
Hugh Nathan Roberts	*Chicago, Ill.*	73 Lake pl.
Charles Tier Russell	*Haddam, Conn.*	157 York st.
Walter Aaron Saxon	*New Haven, Conn.*	37 Silver st.
Horace Andrew Segelbaum	*Harrisburg, Pa.*	159 Elm st.
Claude William Shattuck	*Olean, N. Y.*	137½ Congress av.
Homer Harvey Shepard	*New Haven, Conn.*	159 Blatchley av.
Edward Willis Sherman	*New Bedford, Mass.*	65 W. D.
Harry Roston Sherwood	*Westport, Conn.*	1044 Chapel st.
Ernest Clyde Simpson, B.S. Carson and Newman College 1893	*Knoxville, Tenn.*	138 Dwight st.
George White Skinner, Jr.	*Denver, Col.*	103 Wall st.
George Vrooman Smith, B.A. Union University 1894	*Tioga, Pa.*	1044 Chapel st.

Charles Conrad Spreyer	*New Haven, Conn.*	38 Elliott st.
Thornton Joseph Theall	*Brooklyn, N. Y.*	83 Elm st.
Eyler Jonathan Todd	*Springfield, O.*	488 State st.
Jacob Bertram Ullman	*New Haven, Conn.*	195 Congress av.
Arthur William Upson	*Berlin, Conn.*	Berlin
Robert Jeremiah Woodruff, B.A. Yale University 1896	*Orange, Conn.*	Orange
Taro Yamada	*Tokyo, Japan*	20 Whalley av.

MIDDLE CLASS, 56

JUNIOR CLASS

Harry Browning Agard	*Tolland, Conn.*	82 Whalley av.
Herbert Bassett Augur, B.A. Yale University 1897	*Hartford, Conn.*	371 Crown st.
Milton Bacharach	*Hartford, Conn.*	388 Howard av.
Thomas Francis Barry	*Derby, Conn.*	Derby
Charles William Bauby, B.A. Holy Cross College 1897	*Waterbury, Conn.*	Waterbury
Leon William Beardsley	*Bridgeport, Conn.*	Bridgeport
Walter Le Grand Bevins	*Meriden, Conn.*	Meriden
Nelson Sanford Blakesley	*Whitneyville, Conn.*	Whitneyville
Jacob Emery Blatchley	*New Haven, Conn.*	219 Blatchley av.
Stewart Robinson Bolin	*Circleville, O.*	59 Prospect st.
Arthur Hallock Brown, B.A. Yale University 1897	*New Haven, Conn.*	1193 Chapel st.
Ezra Selig Brudno	*Cleveland, O.*	18 Vernon st.
Charles Chadwick, B.A. Yale University 1897	*Brooklyn, N. Y.*	263 Orange st.
William Henry Comley, Jr., B.A. Yale University 1897	*Bridgeport, Conn.*	Bridgeport
Theobald Matthew Connor, B.A. Yale University 1897	*Northampton, Mass.*	819 Chapel st.
William Francis Conway	*Newark, N. J.*	383 George st.
Arthur Linton Corbin, B.A. University of Kansas 1894	*Lawrence, Kansas*	78 Dwight st.
Thomas Christopher Coughlin	*Bridgeport, Conn.*	Bridgeport
Hial Stow DeNeefe	*Plantsville, Conn.*	333 York st.
Hubert Loomis Dickerman	*Westville, Conn.*	Westville
Junius Bell Douglass	*Forestville, Conn.*	45 Lake pl.
Michael Thomas Downes, B.A. Yale University 1897	*Wallingford, Conn.*	Wallingford
George Joseph Finnegan	*Brooklyn, N. Y.*	314 Crown st.
Harry Edward Gabriel	*Cleveland, O.*	333 York st.
Albert William Haigh	*West Winsted, Conn.*	107 W. D.

Charles Griswold Hallock	*New Haven, Conn.*	567 Howard av.
Robert Barlow Harkness, Attorney at Law	*Salt Lake City, Utah*	118 College st.
Charles Henry Harriman	*Branford, Conn.*	Branford
Grenville Hovey Hayes	*New Bedford, Mass.*	90 Whalley av.
Wm. Henry Harrison Hewitt, Jr., B.A. Yale University 1897	*New Haven, Conn.*	65 Dixwell av.
Thomas Francis Hickey	*Bridgeport, Conn.*	136 College st.
Henry Florian Hildreth	*Chicago, Ill.*	343 George st.
Rurey Frank Hill, B.A. Yale University 1897	*Ford City, Pa.*	102 Park st.
Samuel Eugene Hoyt, PH.B. Yale University 1897	*New Haven, Conn.*	309 Howard av.
Leslie Elmer Hubbard	*Meriden, Conn.*	Meriden
Franklyn Laws Hutton	*New York City*	126 Wall st.
Ernest Lockwood Isbell	*New Haven, Conn.*	399 Whalley av.
Albert Francis Judd, Jr., B.A. Yale University 1897	*Honolulu, H. I.*	343 George st.
Edwin Ruthven Kelsey, Jr., B.A. Yale University 1897	*Short Beach, Conn.*	45 William st.
David Kempner	*Hartford, Conn.*	388 Howard av.
Frank Joseph Kinney	*Branford, Conn.*	Branford
Kenkichi Kodera	*Kobe, Japan*	438 Elm st.
Jacob Adolph Koenig, PH.B. Yale University 1897	*New Haven, Conn.*	87 Olive st.
Simon Herman Kugal	*New Haven, Conn.*	92 Broad st.
Wallace Rutherford Lane	*Providence, R. I.*	130 Howe st.
John Eugene Leverone	*Cincinnati, O.*	150 College st.
Francis Martin Lynch, B.A. Yale University 1897	*Olyphant, Pa.*	71 W. D.
Samuel Howard McCain	*Brockwayville, Pa.*	373 Crown st.
Charles McCamic	*Wellsburg, W. Va.*	10 Howe st.
Lewis Smedley MacDougall	*Hornellsville, N. Y.*	333 York st.
Paul Bovard MacLane	*New Haven, Conn.*	33 Howe st.
Harry William McMorris, B.A. Wesleyan Univ. 1897	*Harrisburg, Pa.*	102 Park st.
Knox Maddox, B.A. Yale University 1897	*San Francisco, Cal.*	117 Wall st.
William John Malone	*Forestville, Conn.*	30 Hallock st.
Fred Burg Michael	*Bristol, Conn.*	333 York st.
Harvey Lucius Montgomery, B.A. Centre College 1897	*Micanopy, Fla.*	343 George st.
Jarratt Allen Morford	*Bridgeport, Conn.*	Bridgeport
Robert Lewis Munger, B.A. Yale University 1897	*Ansonia, Conn.*	Ansonia
Louis Curtis Oakley, B.A. Yale University 1896	*Oswego, N. Y.*	103 Park st.

George Hazard Pearce	*Hartford, Conn.*	383 George st.
Royal Edward Penney	*Southport, Conn.*	Southport
Alfred Silliman Perry	*Southport, Conn.*	Southport
Arthur Vernon Phillips	*New Haven, Conn.*	389 Orange st.
William Roger Pitkin	*Boston, Mass.*	82 Wall st.
Archibald Weaver Powell	*Latrobe, Pa.*	45 Lake pl.
George William Rourke	*Meriden, Conn.*	Meriden
Edward Lawrence Smith, B.A. Yale University 1897	*Hartford, Conn.*	71 W.D.
Frederick Richard Smyth	*Brooklyn, N. Y.*	261 Crown st.
Louis Michael Sonnenberg, B.A. Yale University 1897	*New Haven, Conn.*	696 State st.
Raymond Chapman Spaulding, B.A. Yale University 1897	*Montclair, N. J.*	589 P.
John Avery Spoford	*Lebanon, Conn.*	67 Center st.
George John Stoner	*Hartford, Conn.*	Hartford
Charles Heitler Studinski, B.A. Yale University 1897	*Pueblo, Col.*	343 George st.
Graham Sumner, B.A. Yale University 1897	*New Haven, Conn.*	140 Edwards st.
Paul Symonds	*Chicago, Ill.*	110 Wall st.
Burtis Judd Teasdale, B.A. Yale University 1897	*Westboro, Mass.*	83 Elm st.
Henry Hotchkiss Townshend, B.A. Yale University 1897	*New Haven, Conn.*	234 Church st.
Clayton Humiston Tyler	*Hartford, Conn.*	Hartford
Fred Lee Vandeveer	*Brooklyn, N. Y.*	59 Wall st.
Henry Gustavus Vick, B.A. University of N. Dakota 1893, M.A. Columbia University 1896	*Grafton, N. Dak.*	62 Lake pl.
Harry Parker Wilbur	*South Bethlehem, Pa.*	109 Wall st.
George Zahm	*Syracuse, N. Y.*	276 Elm st.

JUNIORS, 82

SPECIAL STUDENTS

John Warren Edgerton, B.A. Trinity College 1894, M.A. Yale University 1896	*Middletown, Conn.*	Middletown
Northrop Fowler	*New York City*	96 Wall st.
William Jackson Grippin, PH.B. Yale University 1897	*Bridgeport, Conn.*	117 Wall st.
Keizaburow Miura	*Tokyo, Japan*	119 Park st.
Joseph Ralph Orwig	*DesMoines, Iowa*	119 Park st.

Henry Francis Parmelee, PH.B.
Yale University 1894,
LL.B. Harvard University 1897 — *New Haven, Conn.* 28 Hillhouse av.

James Johnson Robinson, A.M.
Princeton University 1888,
PH.D. Yale University 1888 — *New Haven, Conn.* 43 Livingston st.

SPECIAL STUDENTS, 7

SUMMARY

GRADUATES	25
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SUMMARY OF STUDENTS

DEPARTMENT OF PHILOSOPHY AND THE ARTS:		
GRADUATE SCHOOL	262	
YALE COLLEGE	1241	
SHEFFIELD SCIENTIFIC SCHOOL	543	
ART SCHOOL	78	
DEPARTMENT OF MUSIC	70	
		2194
YALE DIVINITY SCHOOL		102
YALE MEDICAL SCHOOL		128
YALE LAW SCHOOL		198
		2622
Deduct for names inserted twice		122
TOTAL		2500
COURSES FOR TEACHERS		145

DEGREES CONFERRED IN 1897

BACHELORS OF ARTS

Joseph William Alport
Herbert Bassett Augur
Wylie McLean Ayres
Samuel Denison Babcock, Jr.
Philip Horton Bailey
William Dwight Baldwin
William Edward Balmer
Ralph Andrews Barker
Everett Larkin Barnard
Clinton DeVer Barnes
Theodore Moore Barnes, Jr.
Thomas George Barnes
Lyman Metcalfe Bass
William DeVerne Beach
Arthur Wellington Bell
Arthur Harry Bissell
Shelton Bissell
Francis Boardman
Alfred Guitner Bookwalter, B.A. Western College (Iowa) 1896
Francke Huntington Bosworth, Jr.
McKinley Boyle
Edward Sumner Brackett
Arthur Judson Brewster
Robert Stanton Brewster
Harcourt Brigham
George Clymer Brooke
Frank Brookfield
Arthur Hallock Brown
Thatcher Magoun Brown
Abraham Royer Brubacher
Frederic Merwin Burgess
Robert Wallace Burnet, Jr.
William James Calyer
Henry Godwin Campbell, Jr.
Harry Wardell Carey
Robert Willets Carle
Charles Chadwick
Charles Meigs Charnley, Jr.
Richard Schieffelin Chisolm
Willard Church
William Churchill
Alexander Bierce Clark
Charles Upson Clark
William Francis Clark
Thomas Ludlow Clarke
Frank Macmillan Cobb
Henry Sloane Coffin
William Henry Comley, Jr.
Theodore Mathew Connor
James Coggswell Converse
Charles Montague Cooke, Jr.
William Gardner Cooke
Asahel Walker Cooper
William Thorne Cowdrey
John Oscar Creager, B.A. National Normal University 1896
Franklin Muzzy Crosby
Frederick Baldwin Curtis
Melville Goss Curtis
George Barton Cutten, B.A. Acadia University 1896
William Darrach
Joseph Lewis Davis
George Parmly Day
Charles Brandebury DeCamp
Henry Lockwood deForest
Frank Courtenay Dodd
Charles Hamilton Doud, Jr.
George Washington Doughty
Michael Thomas Downes
George Silas Drake, Jr.
Arthur Joy Draper
Edward Martin Dudley
Benjamin Franklin Eby
Richard Fenwick Ely

Frederick Leverett Emmons
Charles Sumner Evans
Arthur Woolsey Ewell
John Louis Ewell
Martin Bell Faris
George Bronson Farnam
Augustine William Ferrin, Jr.
George Jackson Ferry, Jr.
Clarence Mann Fincke
Henry Mark Fisher
Lucius George Fisher, Jr.
Emerson David Fite
Thomas Francis Fitzgerald
Andrew Chesley Furbush
Elisha Ely Garrison
Frank Patrick Garvan
Sumner Kemble Gerard
James Rieser Gerhard
Curtenius Gillette
Robert Capen Gilmore
Charles Frederick Gloth
Walter Lippincott Goodwin
Robert DeLancey Hamilton
Edward Stephen Harkness
William Augustus Hart
George Sewell Haydock
Edgar Laing Heermance
Charles Edwin Heffelfinger
Charles Reed Hemenway
William Henry Harrison Hewitt
Ebenezer Hill, Jr.
Rurey Frank Hill
John Ralph Hilton
Benjamin Barrett Hinckley
Robert Stanley Hincks
Thomas Avery Hine
Philip Hinkle
Allen Hall Hitchcock
Charles Augustus Theodore Hoffman
Harry Leslie Morris Hoffman
Harold Goodwin Holcombe
Gerry Rounds Holden
Robert Willard Holden
Lorenzo William Housel
Murray Shipley Howland
Benjamin Hubbell, Jr.
William Stone Hubbell, Jr.
Gerald Hughes
Edward Hicks Hume
Chester Jay Hunt
Louis Charles Ilfeld
William Julius Edward Jente
Sherman Foster Johnson
Albert Francis Judd, Jr.
James Robert Judd
Burt Bronson Kauffman
Harold Meredith Kauffman
Harry Mayham Keator
Wendell Prime Keeler
Edwin Ruthven Kelsey, Jr.
Albert Emmett Kent, 2d
Albert Boardman Kerr
Frank Ray Kimbley
Samuel King
Cornelius Porter Kitchel
Henry Timothy Kneeland, Jr.
Herman Davis Kountze
Luther Latham Kountze
Henry George Lapham
Walter Jerome Lapham
Frederick Palmer Latimer
Arthur William Lawrence
Charles Samuel Leavenworth, B.A. Wesleyan University 1896
Henry Ledyard
Frederick Reimold Lehlbach
Dwight Milton Lewis
James Hoyt Lewis
Goodloe Lindsley
James Israel Lineaweaver
Percival Clement Liscomb
William Gilman Low, Jr.
Frederick Bliss Luquiens
Francis Martin Lynch
Thomas Perkins MacBride

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George Stewart McFarlan
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Knox Maddox
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Hervey Coke Parke, Jr.
Julius Leonard Parke
Stewart Patterson
George Barthold Pfingst
James Farnsworth Pierce, Jr.
Amos Richards Eno Pinchot
Bernard Wesley Pond
William Frederick Porter
Acton Poulet
John Rush Powell, B.A. Baylor University 1893
Foster Pruyn
Francis Winthrop Pyle
Clarence Marsh Reed
Walter Gordon Resor

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Alfred Newton Richards
Philip Franklin Ripley
Robert Lawson Ross
Wallis Gibson Rowe
Theodore Frelinghuysen Russel
Henry Vandyne Ryder
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Rathbone Emile DeBuys, B.S. Tulane University 1896
Dudley Brainard Deming
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Howard Starr Humphrey
Allen Sturdevant Hurlburt
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Barclay Ward Kountze
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Guy Collville Lane
Hubert Asahel Lane
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Robert Carr Lanphier
Thomas McKennan Laughlin
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Edward Bontecou Morris
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Lang Murray
Richard Irving Neithercut
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John Henry Porter
Harold Henry Pratt
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Gaius Barrett Rich, Jr.
Hopewell Lindenberger Rogers
John Bailey Rose
Thaddeus Barnes Ryman
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Frederick Augustus Muhlenberg Schieffelin
Carl Rudolph Schultz

William Dowd Scranton
Allen Hartley Seed
Ernest Edward Selleck
Horace Emerson Setchell
Horace Reynolds Shares
John Elliot Shaw
William Kent Shepard
Dunham Baldwin Sherer
Frank Colton Shipman
Francis William Simmons
Oswald Lindsay Simpson
Mason Foote Smith
Harry Bronson Snell
Seth Sylvester Spencer, Jr.
Francis Kerby Stevens
Howard Linsley Stevenson
Clarence Hoyt Stilson
Arthur Rodman Townsend
George Robinson Tracy
Horace Burt Tuttle
Edmund Francis Tweedy
William Valentine
Robert Seymour VanBuren
Charles Thorne VanWinkle
Louis Eugene Voorheis
Noah Samuel Wadhams
Clinton Geib Wallis
Henry Purdy Weaver
Henry Selden Weller
Edward Marshall West
Levi Wilcox
William Boas Wood
Charles Lewis Young, Jr.
Augustus Oothout Zabriskie

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William Francis Alcorn
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Christopher Lester Avery, Jr., B.A. Yale University 1893, *cum laude*
Roger Sherman Baldwin, B.A. Yale University 1895, *cum laude*
George Henry Barlow
Herbert Clarence Bartlett
Samuel Fayerweather Beardsley, B.A. Yale University 1895
Clarence Thomas Black
John Rufus Booth
William Eugene Brooks
George Clarke Bryant, B.A. Yale University 1895
Edward Taylor Buckingham, B.A. Yale University 1895
Harry Michael Burke
Harry Alonzo Buzzell
Nehemiah Candee, B.A. Yale University 1893
Ulysses Grant Church, B.A. Yale University 1895
Archibald Foote Clark, *cum laude*
Edward Luke Clark, Jr.
Thomas Harper Cobbs, B.A. Washington University, Mo., 1896
Chester Linwood Dane
Bradford Williams Danielson
George Everett Darling, B.A. Yale University 1895
Herbert Seymour Darlington
Stephen Brooks Davis, Jr., B.A. Wesleyan University 1895
Mason Loomis Decker
John Elliott, B.A. Yale University 1895
Frederick William Escobar
Frederick Philip Farnsworth, PH.B. Yale University 1894
John Joseph Feely
Stephen Bull French

Walter Levi Frisbie
Michael Gavin, 2d, B.A.
Yale University 1895, *cum laude*
George Jay Gibson, Jr., B.A.
Yale Univ. 1895, *magna cum laude*
Pinkus Herman Goldbaum
Lewis Guy Granger
John George Greenspun
Henry William Griffith
Frank Oliver Gudgell, B.A.
University of Missouri 1895
Clarence Wells Halbert, B.A.
Yale University 1895
Hugh Tyler Halbert, B.A.
Yale University 1895
Philip Zachariah Hankey
Frederic Thatcher Harward, B.A.
Williams College 1894
Marshall Felton Hatcher, B.L.
Mercer University 1895
Edwin Werter Higgins
Charles Lyon Hill, B.A.
Yale University 1895
Allen Maxcy Hiller, M.A.
Yale University 1893
Alfred Burdette Hughes, B.A.
Yale University 1895
William Rankin Johnston, PH.B.
Yale University 1893
Gershom Spencer Jones, B.A.
Denison University 1895
George Kane
John Keogh
Michael Ambrose Kilker
David Philip Klinedinst
John Williams Lewis, B.A.
Trinity College 1893
Lloyd Lowndes, Jr., B.A.
Yale University 1895
Samuel Kell McCall
John MacGregor, Jr., B.A.
Yale University 1895
John Dun McKell, B.A.
Yale University 1895
George Wm. Fred'k. McMechen, B.A.
Morgan College 1895
George Washington Martin, Jr.
Carl Ashby Mears
Henry Warner Merwin, PH.B.
Yale University 1895, *cum laude*
James Thomas Meskill
John Michel
Walter Scott Miller, LL.B.
Shaw University 1895
Harry Warner Minor
Charles Gould Morris, B.A.
Yale University 1895
Caleb Albert Morse
David Edward Moulton
William O'Keefe, Jr.
Rufus Melvin Overlander
Francis Parsons, B.A.
Yale University 1893
Frederick Lord Perry
Chas. Fred'k. Peterson, *cum laude*
Joseph Edwin Proffit
William Rick, M.A.
Muhlenberg College 1895
William Vincent Robbins
George Press Rowell
Thomas Francis Ryan
George Foster Sanford
Bryan DeForest Sheedy, M.D.
Univ. City of N. Y. 1885
John Edgar Small
Clarence Minturn Smith
Thomas Hugh Smith
Edgar Charles Snyder, B.A.
Wesleyan University 1894
Frank Leabert Speakman
Benjamin Ives Spock, B.A.
Yale University 1895
Henry Cogswell Stevenson
Richard Charles Stoll, B.A.
State Coll., Ky., 1895
George Burton Thayer
John Walcott Thompson, B.A.
Dartmouth College 1895, *cum laude*
John Dougherty Thomson, B.A.
Yale University 1896, *cum laude*
Robert John Thomson, B.D.
Yale University 1894

James Ashmun Veech, PH.B. Yale University 1894
René Petro Frederick VonMinden
Walter John Walsh
Arthur Ashford Wilder, *magna cum laude*

BACHELORS OF DIVINITY

William Spencer Beard, B.A. Yale University 1894
George Lincoln Briggs, B.A. Beloit College 1892
David Herbert Evans, B.A. Williams College 1890
Miles Bull Fisher, B.L. University of California 1894
Adelbert Ellsworth Foutch
Amos Hoppock Haines, B.A. Rutgers College 1892
Archibald McClelland Hall, PH.D. Butler University 1892
Amos Thompson Harrington, B.A. Yale University 1894
Ansel Estano Johnson
Peter Adelstein Johnson, PH.B. Tabor College 1893
Shepherd Knapp, Jr., B.A. Columbia College 1894
George Edwin Ladd, B.A. Williams College 1891
Samuel Edward Lord, B.A. French Protestant College 1894
Frederick Henry Lynch, B.A. Yale University 1894
Charles Stedman Macfarland
Charles Clarkson Merrill, B.A. Dartmouth College 1894
Schuyler Rice Myers, B.A. Beloit College 1894
Wesley Eugene Page, B.A. Bates College 1894
Charles Peabody Pierce, B.A. Yale University 1892
Hezekiah Loor Pyle, B.A. Otterbein University 1894
Harry Frank Rall, M.A. University of Iowa 1891
Austin Rice, B.A. Amherst College 1894
William Henry Rowe, PH.B. Beloit College 1894
Milton Sherk Runkle, B.A. Cornell College 1894
Grant Lincoln Schaeffer, B.A. Lebanon Valley College 1891
William Harvey Short, B.A. Beloit College 1894
William Bergen Stelle, B.A. Colgate University 1894
Rufus Whittaker Stimson, M.A. Harvard University 1896
Benjamin Mead Wright

BACHELOR OF MUSIC

William Edwin Haesche

MASTERS OF ARTS

Samuel Stokes Allen, B.A. Yale University 1894
Ernest Hickok Baldwin, B.A. Yale University 1891
Walter Reid Callender, B.A. Yale University 1894
Charles Russell Ely, B.A. Yale University 1891
Joe Garner Estill, B.A. Yale University 1891
Lewis Fox Frissell, B.A. Yale University 1895

George Henry Hefflon, B.A.
Yale University 1891

Burton Jesse Hendrick, B.A.
Yale University 1895

George Washington Johnston, B.A.
Yale University 1883

John Edward Lane, B.A.
Yale University 1894

Henry Douglas Parmelee, B.A.
Yale University 1895

Teinosuke Sakata,
The Doshisha, Japan, 1892

William Henry Sallmon, B.A.
Yale University 1894

MASTERS OF LAWS

Walter Barnes Cruttenden, B.A.
Yale University 1894,
LL.B. Yale University 1896

Shelden Douglass Gilbert, LL.B.
Northwestern University 1896

Francis Joseph Kearful, LL.B.
Yale University 1896, *cum laude*

Ernest Knaebel, B.A.
Yale University 1894, LL.B.
Yale Univ. 1896, *magna cum laude*

William Henry Kreider, B.A.
Lebanon Valley College 1894
LL.B. Yale University 1896

Joseph Howard Manifold, LL.B.
Yale University 1896

Arthur Cleveland Mayer, LL.B.
University of Nebraska 1896

Origen Storrs Seymour, B.A.
Yale University 1894,
LL.B. Yale University 1896

Loring Vane Stewart, B.A.
Pacific University 1893,
LL.B. Yale University 1896

Joseph Cornelius Sweeney, LL.B.
Yale University 1896

Thaddeus Mead Talcott, Jr., LL.B.
Northwestern University 1896

William Josiah Tilson, B.A.
Yale University 1894,
LL.B. Yale University 1896

Charles Aaron VanVlack

Charles Herbert Williams, LL.B.
Northwestern Univ. 1896, *cum laude*

CIVIL ENGINEERS

Silas Beach Patterson, PH.B.
Yale University 1894

Henry Hollister Robinson, PH.B.
Yale University 1895

Charles Rogers Treat, PH.B.
Yale University 1894

DOCTORS OF CIVIL LAW

James Albert Allen, M.A.
Kentucky University 1895,
M.L. Yale University 1896

Robert Collyer Fergus, LL.B.
Northwestern University 1893,
M.L. Yale University 1895

Tokichi Masao, LL.B.
University of West Virginia 1895,
M.L. Yale University 1896, *cum laude*

DOCTORS OF MEDICINE

William Samuel Barnes, PH.B. Yale University 1895
Theodore Edward Beard, Jr.
Irving Deloss Blanchard
Henry Harrison Briggs, B.A. Greeneville and Tusculum Coll. 1893
Joseph Bradford Brocksieper
Ernest Dwight Chipman
Timothy Francis Cohane
Joseph Anthony Cooke
Benjamin Frank Corwin, B.A. Yale University 1895, *cum laude*
Sanford John Ferris
Richard Stayner Graves, B.A. Trinity College 1894
John Bagg Griggs
John Edward Herrity
Arthur Leslie Howard
Clarence Leishman Kilbourn
John Aloysius Lee, B.A. Yale University 1895
Percy Duncan Littlejohn
Maximilian Lawrence Loeb
Albert Emory Loveland, M.A. Wesleyan University 1896, *cum laude*
Ernest Kilborn Loveland, PH.G. New York College of Pharmacy
Frank John McGuire
Edward Francis McIntosh
Francis Irving Nettleton, PH.B. Yale University 1894, *cum laude*
Theodore Dominic Pallman
William Fletcher Penn
Francis Henry Reilly, *cum laude*
William George Reynolds, B.A. Yale University 1895
Earle Terry Smith
Francis Harrison Todd, PH.B. Yale University 1895
George Howell Warner
George Albert Weaver
William Myron Weaver
Harry Little Welch, B.A. Yale University 1894
Lewis Hawley Wheeler
Stanley Rogers Woodruff

DOCTORS OF PHILOSOPHY

Bertram Borden Boltwood, PH.B. Yale University 1892
Joseph Bowden, Jr., B.A. Yale University 1891
Carleton Lewis Brownson, B.A. Yale University 1887
Henry Andrews Bumstead, B.A. Johns Hopkins University 1891
Harry Westbrook Dunning, B.A. Yale University 1894
William John Gies, PH.B. Yale University 1894, M.S. Pennsylvania College 1896
William Anthony Granville, PH.B. Yale University 1893
Gervase Green, B.A. Yale University 1894
Frederick Wilkinson Kilbourne, PH.B. Yale University 1894
Walter Irenaeus Lowe, B.A. Yale University 1890
Fred Elmer Marble, B.A. University of Rochester 1887
Herbert Chester Nutting, B.A. Yale University 1895
Samuel Peterson, B.A. Yale University 1895
Isaac King Phelps, B.A. Yale University 1894

Herbert Augustine Smith, B.A.
Yale University 1889

Frank Strong, M.A.
Yale University 1893

George Stedman Sumner, B.A.
Yale University 1895

William Ransom Tuttle, B.A. and B.S.
Olivet College 1894

Claude Frederic Walker, B.S.
Boston University 1894

Blanche Zehring, B.S.
Ohio Wesleyan University 1890

Charles Hamline Zimmerman, M.A.
Northwestern University 1891

HONORARY DEGREES.

DOCTORS OF DIVINITY

Rev. Edwin Stevens Lines, B.A.
Yale University 1872

Rev. George Foot Moore, B.A.
Yale University 1872

Rev. Charles Comfort Tiffany, B.A.
Dickinson College 1850

Rev. John Watson, B.A.
University of Edinburgh 1854

DOCTORS OF LAWS

Alfred Thayer Mahan

Theophil Mitchell Prudden, PH.B.
Yale University 1872

DOCTOR OF LETTERS

William Gordon McCabe, M.A.
College of William and Mary 1868

MASTERS OF ARTS

Edwin Austin Abbey

Charles William Benton, B.A.
Yale University 1874

Charles Noyes Chadwick

George Whitefield Chadwick

Samuel Harden Church

John Slade Ely, PH.B.
Yale University 1881

Theodore Newel Ely, C.E.
Rensselaer Polytechnic Institute 1866

Archer Milton Huntington

Henry Rosemann Lang, PH.D.
University of Strassburg 1890

John Wurts, LL.B.
Yale University 1884

HONORS IN THE ACADEMICAL DEPARTMENT

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ORATIONS

CHARLES UPSON CLARK
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Nathaniel Robert Mason
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John Killam Murphy
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James Coggswell Converse
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Wirt Davis
Charles Sumner Evans
Harry Leslie Morris Hoffman
Burt Bronson Kauffman
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Albert Boardman Kerr
Samuel King
John Vincent Miller
Hervey Coke Parke, Jr.
George Barthold Pfingst
Francis Winthrop Pyle
Henry Vandyne Ryder
Frank Edgar Spaulding
Dudley Vanness Sutphin
Benjamin Augustus Thaxter
Prince Henry Tirrell, Jr.
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Philip VanIngen
Robert King Vibert
Norman Alton Williams

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Joseph William Alport
Francis Boardman
Thatcher Magoun Brown
Richard Schieffelin Chisolm
Asahel Walker Cooper
George Parmly Day
Charles Brandebury DeCamp
Henry Lockwood deForest
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Clarence Mann Fincke
Lucius George Fisher, Jr.
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Philip Hinkle
Louis Charles Ilfeld
James Robert Judd
Harold Meredith Kauffman
Herman Davis Kountze
Henry Ledyard
Dwight Milton Lewis
Newton Alexander Merritt, Jr.
Charles Frederick Mosle
Fred Towsley Murphy
Burhans Newcombe
Acton Poulet
Walter Gordon Resor
Dean Sage, Jr.
Edward Tillotson

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Lyman Metcalfe Bass
Robert Stanton Brewster
Harcourt Brigham
Robert Wallace Burnet, Jr.
Alexander Bierce Clark
William Thorne Cowdrey
Franklin Muzzy Crosby
Michael Thomas Downes
Elisha Ely Garrison
Frank Patrick Garvan
Ebenezer Hill, Jr.
Robert Stanley Hincks
Harold Goodwin Holcombe
Henry Timothy Kneeland, Jr.
James Israel Lineaweaver
William Gilman Low, Jr.
Thomas Perkins MacBride
Roy McWilliams
David Irving Mead
Robert Lewis Munger
Julius Leonard Parke
Amos Richards Eno Pinchot
James Putnam Sawyer
Porter Farley Sheldon
George Elliott Somers, Jr.
Victor Sutro
Clifford Munroe Tappen
Burtis Judd Teasdale
Albert Phelps Tuller
Clarence Winter
John Humphrey Winterbotham

Honors in Special Studies

Two-year honors

In Philosophy:
Murray Shipley Howland

In Political Science and Law:
Arthur Harry Bissell
Wm. Henry Harrison Hewitt
Gysbert VanSteenwyk, Jr.
Clarence Walworth

In History:
George Clymer Brooke
Frederic Merwin Burgess
Frank Macmillan Cobb
Theodore Mathew Connor
John Louis Ewell

In Modern Languages:
Charles Upson Clark
Frederick Bliss Luquiens

In English:
William Stone Hubbell, Jr.
Cornelius Porter Kitchel

In Ancient Languages:
William DeVerne Beach
Charles Upson Clark
Henry Mark Fisher
John Robert McNeille
Alexander Wheeler

In Natural Sciences:
William Darrach
Arthur Woolsey Ewell
Gerry Rounds Holden
Francis Winthrop Pyle
Alfred Newton Richards
Harry Burr Siglar
Albert Silverstein
Philip VanIngen
Ernest Alden Wells
Frank Clark Yeomans

One-year honors

In Philosophy:
Alfred Guitner Bookwalter
William Churchill
William Francis Clark
John Oscar Creager
George Barton Cutten
Andrew Chesley Furbush
John Robert McNeille

In History:
William Henry Owen, Jr.

In Modern Languages:
William Julius Edward Jente

In English:
John Rush Powell

In Political Science and Law:
Harold Goodwin Holcombe
John Robert McNeille
Walter Dunham Makepeace
Luther Stephen Trowbridge, Jr.

In Ancient Languages:
Robert Hume Miller

In Natural Sciences:
Philip Franklin Ripley

JUNIOR APPOINTMENTS

YALE COLLEGE, CLASS OF 1899

PHILOSOPHICAL ORATIONS

SULLIVAN DORR AMES
ROBBINS BATTELL ANDERSON
GEORGE EDWIN ATWOOD
JOHN KIRKLAND CLARK
CALEB ELLIS FISHER
JOHN FRANCIS FLYNN
ALFRED BATES HALL
FRANCIS JENKS HALL
CHARLES M. HATHAWAY, JR.
ARTHUR WAYLAND LOVELL
ARTHUR SITGREAVES MANN
JOSEPH HARRISON MOREY
JOHN PEASE NORTON
HOWARD CHANDLER ROBBINS
BARRY CONGAR SMITH
RALPH GIBBS VANNAME

ORATIONS

John Boyce
Henry Thornton Bowles
Norman Macleod Burrell
Guy Mortimer Carleton
John Dolph Carson
William Dick Cutter
John Lewis Evans
Willard Ernest Everett
Charles Root Fowler
Lucius Pomeroy Fuller
Stewart Gilman
Ballinger Mills
Frederick Hitchcock Morley
William Bigelow Neergaard
Henry James Nichols
Hibbard Richard Norman, 2d.
Henry Robinson Shipman
Carl Bovee Spitzer
Chauncey Brewster Tinker

Robert Campbell Adams
Henry Cotheal Andrews
Luther Louis Beard
John Bicknell
Alfred Yartan Dubuque
Frederick Bliss Fallon
Joseph Allen Farley
George Willis Field
Arthur Sullivan Gale
Marvin Hayes Gates
Samuel Anderson Gilmore
George Dana Graves
Wm. Edward Schenck Griswold
Mervin Clark Harvey
William Edwin Hilliard
George William Humphreys
Robert Henry Keener
Edwin Tuttle Lewis
Henry Killam Murphy
William Barret Neville
Colman Stuart O'Loughlin
Francis Robert Parks
Samuel Woodson Sawyer
Louis Henry Schutte
Carroll Fuller Sweet
Laurance Tweedy
Curtis Howe Walker
William Mersereau Wheeler

DISSERTATIONS

DeForest Baldwin
Lewis Franklin Battey
Ledyard Cogswell, Jr.
William Enright Davenport
Leonidas John Durbin
Charles Royall Frazer
George Edward Hecker
Thomas Denison Hewitt
William Churchill Hodge, Jr.
Fred Alonzo King
Victor Alexander Kowalewski
Thomas Fisher Lawrence
Charles Philip Leonard
Benjamin Burges Moore
Holkins Palmer
William Hervey Rood
Walter Byron Smith
William Godfrey Wallace
Frederick Willoughby Weston

DISPUTES

Charles Westley Abbott
George Philip Baker
John Harvey Borden
Samuel Pearson Brooke
John Stark Cameron, Jr.
George Shepard Chappell
Charles Frederick Childs
Ralph Emerson Crandall
Robert Darling
Charles Leroy Darlington
Benson Everett
William Henry Field
John Leo Gilson
Frederick Augustus Gorham, Jr.
Arthur Sears Hamlin
Edward Foote Hinkle
Melvin Tilden Holbrook
Richard Hooker
George Pelton Hutchins
Ellis Oliver Jones, Jr.
Walter Clark Lee
Arthur Matthias Marty
Edward Colman Moore
Winchester Noyes
Joseph Coolidge Palmer
Ernest Shirley Rastall
Edmund Pillsbury Smiley
Charles Henry Wagner
George Liggett Ward
Ezra Joseph Warner, Jr.

Lorenzo Dibble Armstrong
William Augustus Barstow
Charles Griswold Bartlett, Jr.
Charles Augustus Belin
Samuel Gale Boyce
Oliver Sarson Bryant
Horace Jewell Fenton
Richard Earp Forrest
Keith Osmond Guthrie
Joseph Harvey Kitchen
George Samuel Mittendorf
Loring Bradford Packard
Edward Spencer Parmelee
Omar William Platt
Ossian Ray, Jr.
Elmer Wallace Robinson
Marvyn Scudder
Harry Shaw
Frank Erdman Simmons
Sanford Stoddard
Eliot Watrous
Guy Wellman
Robert Rissler Wilson
Edward Seymour Woodruff
Thew Wright
Henry B. B. Yergason

COLLOQUIES

Hugh Moffat Bissell
Frederick Hiester Brooke
George William Brown
Jamot Brown
Harold Clark Cheney
Harry Clifford Colwell
Murray Witherbee Dodge
John Victor Doniphan, Jr.
Charles Francis Doyle, Jr.
Charles Abbott Greene
Isham Henderson
Charles Jonathan Herrick
Frederick Hotze
Charles Edward Julin
MacIntosh Kellogg
Albert Hezekiah Kirtland
Everson Howard Lewis
Oswald Lockett, Jr.

Alfred Richard Lowrie
Norton Thayer Montague
Wilber Smith Peck, Jr.
Joseph Scovil Porter
John Reid, Jr.
John Buss Seymour
Edward Thomas
Clarence Elmore Thompson, Jr.
George Lincoln Wakefield
Harry Brookings Wallace
Horace Byron Warner
Arthur Fitch Way
Charles Hopkins Welles, Jr.
Henry McClure Young
Truman Post Young

Coburn Dewees Berry, Jr.
Nicholas Frederic Brady
Charles Asahel Brayton, Jr.
William Eglin Curtiss
William Doran Cushman
Dwight Huntington Day
Anson Conger Goodyear
Fred. Charles Hecker
Henry Hutchinson Hollister, Jr.
Carl Gottfried Jahn, Jr.
Samuel Preston Knight
Russell Cornell Leffingwell
Othniel Bliem Lessig
Charles Alonzo Powers
Ernest Stanley Smith
Solomon Albert Smith
Richard Udall Strong
Charles Rufus Swift, Jr.
Edmund Quincy Trowbridge
Frederick Dale Vincent
Frederick Webster
Isaac Newton Wyckoff Wilson

HONORS IN THE SHEFFIELD SCIENTIFIC SCHOOL

Bachelors of Philosophy, Class of 1897

Hubert Hillary Sufferin Aimes
Anson Gardner Betts
Philip Worcester Bill
Clinton Talcott Bissell
Newell Charles Bradley
Edward Arthur Bredt
Arthur Brewer
Curtis Palmer Brown
Ernest William Brown
James Harper Bryson
Walter Scott Cameron
Lemuel Ray Carter
Augustus Coit
John Irving Downey
Gaston Holcomb Edwards
Marcus Goodbody
John Louis Gregory
Edson Allen Hoffman
Robert Stewart Kilborne
Robert Carr Lanphier
Laurent Lowenberg
Armand Vanuxem Morris
Harrie Waterman Peck
William Kinney Pike
John Henry Porter
Horace Emerson Setchell
William Kent Shepard
Dunham Baldwin Sherer
Frank Colton Shipman
Clarence Hoyt Stilson
Edmund Francis Tweedy
William Valentine
Henry Selden Weller
Levi Wilcox

HONORS IN THE MEDICAL SCHOOL,

Class of 1897

Degree of M.D., *cum laude*

Benjamin Frank Corwin, B.A.
Albert Emory Loveland, M.A.
Francis Irving Nettleton, Ph.B.
Francis Henry Reilly

HONORS IN THE LAW SCHOOL, 1897

Degree of D.C.L., *cum laude*

Tokichi Masao, M.L.

Degree of M.L., *magna cum laude*

Ernest Knaebel, LL.B.

Degree of M.L., *cum laude*

Francis Joseph Kearful, LL.B.
Charles Herbert Williams, LL.B.

Degree of LL.B., *magna cum laude*

George Jay Gibson, Jr., B.A.
Arthur Ashford Wilder

Degree of LL.B., *cum laude*

Christopher Lester Avery, Jr., B.A.
Roger Sherman Baldwin, B.A.
Archibald Foote Clark
Michael Gavin, 2d, B.A.
Henry Warner Merwin, Ph.B.
Charles Frederick Peterson
John Walcott Thompson, B.A.
John Dougherty Thomson, B.A.

JUNIOR CLASS

Thomas Francis Noone
Charles William Birely
Hugh Burl Chace
Clement Austin Fuller
Edward William Beattie
William Bradford Boardman
William Newell Drown
Addison Strong Pratt
George Vrooman Smith

UNIVERSITY PRIZES, AWARDED JUNE, 1897:

JOHN A. PORTER PRIZE—Francis Parsons, B.A., Class of 1897, Yale Law School.

Committee of Award: Professor George B. Adams, Ph.D., Yale University;
Hart Lyman, New York City;
Charlton M. Lewis, Yale University.

BENNETT PRIZE—Arthur H. Bissell, Class of 1897, Yale College, with honorable mention of William G. Low, Jr., Class of 1897, Yale College.

COBDEN CLUB MEDAL—Thomas F. Fitzgerald, Class of 1897, Yale College, with honorable mention of Clarence Walworth, Class of 1897, Yale College.

PRIZES AWARDED IN THE ACADEMICAL DEPARTMENT, 1896–97:

DEFOREST PRIZE MEDAL—Class of 1897, Alexander Wheeler.

TOWNSEND PREMIUMS—Class of 1897, William H. H. Hewitt, William S. Hubbell, Jr., Walter D. Makepeace, Nathan A. Smyth, Henry H. Townshend.

DEFOREST MATHEMATICAL PRIZES—Class of 1897, 2d Prize, Arthur W. Ewell; Class of 1898, 1st Prize, Joseph H. Hart; 2d Prize, Morrell W. Gaines; 3d Prize, Edgar S. Downs. Class of 1899, 1st Prize, Ralph G. VanName; 2d Prize, John P. Norton. Class of 1900, 1st Prize, Howard L. Bronson and Hollister Logan; 2d Prize, John M. Hopkins; 3d Prize, Morton S. Cressy and Leonard A. Peck.

WINTHROP PRIZES—Class of 1898, 1st Prize, Henry B. Wright; 2d Prize, Wilmot H. Thompson, Jr.

HENRY JAMES TENEYCK PRIZES (for the Junior Exhibition)—Class of 1898, 1st Prize, Samuel E. Bassett; 2d Prizes, Robert W. Archbald, Arthur D. Baldwin, Louis S. Levy, Robert K. Richardson, George M. Ripley, Edward C. Streeter, Henry B. Wright.

SCOTT PRIZE IN GERMAN—Class of 1898, Louis S. Levy.

SCOTT PRIZE IN FRENCH—Class of 1898, Molton A. Colton.

LUCIUS F. ROBINSON LATIN PRIZES—Classes of 1897 and 1898, 1st Prize, Charles U. Clark, Class of 1897; 2d Prize, Emerson D. Fite, Class of 1897; 3d Prizes, John O. Creager, Class of 1897, and Job E. Johnson, Class of 1898. Class of 1899, 1st Prize, John K. Clark; 2d Prize, John F. Flynn; 3d Prize, Arthur W. Lovell.

THACHER PRIZES—Class of 1897, Charles H. Studinski; Class of 1898, Herbert W. Fisher.

C. WYLLYS BETTS PRIZE—Class of 1899, George D. Graves, with honorable mention of John P. Norton.

ELOCUTION PRIZES—Class of 1899, 1st Prize, Arthur S. Gale; 2d Prize, Curtis H. Walker.

MCLAUGHLIN PRIZES—Class of 1900, 1st Prize, Elbert N. S. Thompson; 2d Prize, George B. Tennant.

BERKELEY PREMIUMS IN LATIN COMPOSITION—Class of 1900, 1st Grade, Francis Cross, Jr., Eugene F. Farley, Arthur H. Graves, George L. Hinckley, Thomas W. Swan, Albert W. VanBuren; 2d Grade, Ernest T. Bauer, Frank E. Hale, William R. Hamlin, Roger C. Peck, Horace M. Poynter, George N. Whittlesey.

HUGH CHAMBERLAIN GREEK PRIZE—Class of 1901, Edwin H. Tuttle, Hillhouse High School, New Haven, Conn.; with honorable mention of Edward B. Adams, Bridgeport (Conn.) High School, and of Alfred P. Wright, Hillhouse High School.

UNDERGRADUATE SCHOLARS OF THE HOUSE, YALE COLLEGE, 1897–98:

WOOLSEY Scholars—Class of 1898, HENRY B. WRIGHT; Class of 1899, ARTHUR W. LOVELL; Class of 1900, ALBERT W. VANBUREN.

SCOTT HURTT Scholars—Class of 1898, MOLTON A. COLTON; Class of 1899, CHAUNCEY B. TINKER.

THOMAS GLASBY WATERMAN Scholars—Class of 1898, SAMUEL E. BASSETT; Class of 1899, JOHN K. CLARK.

DANIEL LORD, Junior, Memorial Scholar—Class of 1898, MORRELL W. GAINES.

ALFRED BARNES PALMER Scholar—Class of 1900, ROGER C. PECK.

HURLBUT Scholar—Class of 1900, FRANK E. HALE.

THIRD FRESHMAN Scholar—Class of 1900, FRANCIS CROSS, JR.

PRIZES AWARDED IN THE SHEFFIELD SCIENTIFIC SCHOOL, JUNE, 1897:

Class of 1897:

FOR EXCELLENCE IN MECHANICAL ENGINEERING—Edson A. Hoffman, with honorable mention of Howard M. Ingham and Edmund F. Tweedy.

The BELKNAP PRIZE in Natural History—John H. Porter.

Class of 1898:

FOR EXCELLENCE IN THE MATHEMATICS OF THE JUNIOR YEAR—Herbert Hastings, with honorable mention of James L. Howard, Jr., Richard Krementz, Edward J. Sherwood, and Zenas H. Sikes.

FOR EXCELLENCE IN GERMAN—In the Advanced German the prize divided between Justin F. Grant and Edward J. Sherwood, with honorable mention of Richard Krementz and Charles L. Sherwood.

In the Elementary German, Zenas H. Sikes, with honorable mention of Fred G. Ferrey and James L. Howard, Jr.

Class of 1899:

FOR EXCELLENCE IN ALL THE STUDIES OF THE FRESHMAN YEAR—The Prize divided between William E. Ford, Jr., and William Walker, with honorable mention of Harry C. Gause.

FOR EXCELLENCE IN PHYSICS—William Walker, with honorable mention of William E. Ford, Jr., and Edwin J. Grant.

FOR EXCELLENCE IN GERMAN—Clarence E. Weaver, with honorable mention of William E. Ford, Jr., William Walker, and James C. Jeffery.

FOR EXCELLENCE IN CHEMISTRY—The Prize divided between William M. Brown and Henry A. North.

FOR EXCELLENCE IN MATHEMATICS—Harry C. Gause, with honorable mention of William E. Ford, Jr., William Walker, and Clarence E. Weaver.

FOR EXCELLENCE IN MECHANICAL DRAWING—Clarence E. Weaver, with honorable mention of Henry A. S. Howarth, Guy K. Dustin, James B. Bassett, and Darius T. Wadhams.

Class of 1897:

STUDENTS DISTINGUISHED IN THE DEPARTMENT OF MILITARY SCIENCE, whose names will be published in the United States Army Register for 1898—John I. Downey, Rathbone E. DeBuys, and John B. Rose.

PRIZES AWARDED IN THE SCHOOL OF THE FINE ARTS, JUNE, 1897:

ALICE KIMBALL ENGLISH PRIZE—Mildred C. Jordan.
ETHEL CHILDE WALKER PRIZE—Ethel M. Bennett.
WILLIAM WIRT WINCHESTER PRIZE—Mary Foote.

PRIZES AWARDED IN THE DEPARTMENT OF MUSIC, 1896-97:

STEINERT PRIZE for Organ Playing—William W. Chandler, B.A.
STEINERT PRIZE for Violin Playing—Emma Spieske.

PRIZES AWARDED IN THE MEDICAL SCHOOL, JUNE, 1897:

CAMPBELL GOLD MEDAL—Francis I. Nettleton, Ph.B., with honorable mention of William G. Reynolds, B.A.

KEESE PRIZE—Albert E. Loveland, M.A., with honorable mention of William G. Reynolds, B.A.

PRIZES AWARDED IN THE DIVINITY SCHOOL, MAY, 1897:

HOOKER FELLOWSHIP—Class of 1897, Harry F. Rall, M.A.

DOWNES PRIZES—Arthur E. Fraser, B.A., Miles B. Fisher, B.L., Austin Rice, B.A., John P. Deane, B.A.

FOGG SCHOLARSHIP PRIZES—Class of 1899, Arthur A. Amy, B.A., George N. Edwards, B.A., Edward R. Evans, B.A., Thomas C. Hanna, B.A., Herbert A. Jump, B.A., Eugene W. Lyman, B.A., Frank B. McAllister, B.A., Fred H. Mapes, B.A., David Y. Moor, B.A., Lewis T. Reed, B.A., Edwin B. Robinson, B.A., Burt L. York, B.A.

PRIZES AWARDED IN THE LAW SCHOOL, JUNE, 1897:

TOWNSEND PRIZE—Class of 1897, Joseph E. Proffit.

Committee of Award: Homer B. Sprague, Ph.D., Orange, N. J.; Prof. I. F. Russell, LL.D., New York City; Rockwood Hoar, Esq., Worcester, Mass.

JEWELL PRIZE—Class of 1897, Arthur A. Wilder.

MUNSON PRIZE—Class of 1897, Thomas H. Cobbs, B.A., with honorable mention of George C. Bryant, B.A., and Stephen Davis, B.A.

Committee of Award: Hon. J. C. Cable, New Haven, Conn.; Arthur C. Graves, Esq., New Haven, Conn.; James E. Wheeler, Esq., New Haven, Conn.

BETTS PRIZE—Class of 1898, Thomas F. Noone.

WAYLAND PRIZES (Yale Kent Club Debate)—Class of 1897, 1st Prize, Roger S. Baldwin, B.A.; 2d Prize, Henry W. Merwin, Ph.B.; 3d Prize, Herbert C. Bartlett.

Committee of Award: Hon. Thomas M. Waller, New London, Conn.; Hon. S. E. Merwin, New Haven, Conn.; Hon. S. O. Prentice, Hartford, Conn.

EDWARD THOMPSON CO. PRIZE—Nehemiah Candee, B.A.

DIRECTORY

The names of *officers* are printed in italics.

The names of students are followed by the designations of their several classes (Grad., Graduate; Sr., Senior; Mid., Middle; Jr., Junior; 2, Second Year; 1, First Year; So., Sophomore; Fr., Freshman; Spec., Special); the names of students have appended also an indication of the Department to which each belongs, viz.:—*a*, Academical Department; *d*, Divinity School; *f*, School of the Fine Arts; *g*, Graduate School; *l*, Law School; *m*, Medical School; *mus.*, Department of Music; *s*, Sheffield Scientific School.

Names of buildings, etc., are abbreviated as follows:

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

Abbott, C. W., Jr. *a* 344 WH.
Abbott, G. H., Sr. *a* 120 N.
Abbott, M. W., *g* West Haven
Adams, A. H., *g* 21 Lynwood st.
Adams, B. S., So. *a* 522 P.
Adams, E. B., Fr. *a* 9 Library st.
Adams, F. Baldwin, So. *a* 22 College st.
Adams, F. Blanchard, Fr. *a* 61 Wolcott st.
Adams, F. C., *g* 91 Bristol st.
Adams. F. M., *g* 146 Edwards st.
Adams, G. B., Prof. Edgehill Road
Adams, J. B., Jr. *a* 19 V.
Adams, J. C., *g* 57 Wall st.
Adams, J. F., Sr. *a* 106 N.
Adams, J. P., So. *a* 263 L.
Adams, M. T., Jr. *a* 310 W.
Adams, R. C., Jr. *a* 59 V.
Adams, W. A., Instr. (2 Phelps) 11 Lake pl.
Adriance, W. M., So. *a* 90 Whalley av.
Agard, H. B., Jr. *l* 82 Whalley av.
Albro, A. H., *g* 77 Grove st.
Alcorn, W. F., Grad. *l* 1044 Chapel st.
Alden, C. S., Sr. *a* 17 Lake pl.
Alexander, E., So. *a* 22 College st.
Alford, A. K., Sr. *s* 133 Wall st.
Allen, A. D., Fr. *a* 599 P.
Allen, C. W., Fr. *a* 599 P.
Allen, F. W., So. *a* 121 N.
Allen, G. B., Fr. *s* 124 Wall st.
Allen, H., Fr. *s* 125 High st.
Allen, J. A., Fr. *s* 82 Wall st.
Allen, J. R., Fr. *a* 132 College st.
Allen, J. T., *g* 574 P.
Allen, M. A., *g* 83 Grove st.
Allen, T., Sr. *a* 47 V.
Allen, W. B., Fr. *a* 586 P.
Allen, W. H., *g* 58 W. D.
Alling, A. A., Mid. *l* 30 Mansfield st.
Alling, A. N., Instr. 199 York st.
Alling, E. P. *f* 120 Sherman av.
Alling, W. G., *mus.* 310 Orange st.
Alsop, J. W., Sr. *s* 133 College st.
Ames, B. F., Fr. *a* 53 Lake pl.
Ames, S. D., Jr. *a* 294 W.
Ames, W. M., Jr. *s* 13 E. D.
Amy, A. A., Mid. *d* 97 W. D.
Anderson, F. T., Sr. *s* 169 West st.
Anderson, I. L., Fr. *a* 64 Lake pl.
Anderson, J. N., Sr. *s* 169 West st.
Anderson, R. B., Jr. *a* 258 L.
Anderson, W. G., Instr. (GYMN.) 120 College st.
Andreen, A., Jr. *d* 399 Elm st.

Andreen, C. A., Sr. *a* 399 Elm st.
Andreen, G. A., Instr. 399 Elm st.
Andrews, C. W., Jr. *s* 105 Wall st.
Andrews, E. C., So. *a* 1040 Chapel st.
Andrews, H. C., Jr. *a* 99 N.
Andrews, W., Mid. *l* 1044 Chapel st.
Andrews, W. W., Sr. *a* 315 W.
Angus, A. C., Fr. *a* 111 N.
Anthony, R. L., So. *a* 153 F.
Archbald, R. W., Sr. *a* 371 WH.
Archbald, T. F., Sec'y. Dwight Hall
Archbold, J. F., Jr. *s* 133 College st.
Arlt, F. W., Fr. *a* 16 Canal st.
Armstrong, L. D., Jr. *a* 28 V.
Armstrong, W. L., *g* A.
Arnold, E. H., Ass't. 46 York sq.
Arnold, H. S., So. *a* 24 Dwight pl.
Arnold, W. A., Mid. *l* 531 P.
Arvine, E. P., Mid. *l* 1169 Chapel st.
Ashjian, H. H., Grad. *d* 120 W. D.
Ashley, W. F., 2 *m* 91 Lake pl.
Askew, R. K., Fr. *a* 1076 Chapel st.
Atha, A. H., Jr. *a* 254 L.
Atha, C. G., Sr. *s* 119 Wall st.
Atkin, E., Jr. *a* 128 High st.
Atkinson, R. L., Fr. *a* 22 College st.
Atterholt, F. M., So. *a* 220 D.
Attwood, F. G., 1 *m* 68 Edgewood av.
Atwater, J. H., *f* 321 Whitney av.
Atwater, M. D., *g* 22 Carmel st.
Atwood, G. E., Jr. *a* 156 F.
Auchincloss, H., Fr. *a* 203 York st.
Augur, H. B., Jr. *l* 371 Crown st.
Austell, A., Sr. *s* 119 Wall st.
Austin, M., *g* 83 Grove st.
Averell, W. H., So. *a* 135 F.
Avery, O. P., Jr. *d* 49 E. D.
Ayers, N. M., Sr. *s* 36 Elm st.
Ayres, R., Sr. *s* 332 Temple st.
Babcock, A. B., Jr. *s* 22 College st.
Babcock, H. H., Fr. *a* 24 High st.
Babcock, H. W., So. *a* 521 P.
Bacharach, M., Jr. *l* 388 Howard av.
Backes, W. J., Jr. *s* 143 College st.
Backus, H. C., Jr. *s* 26 Forbes av.
Bacon, B. W., Prof. (10 E. D.) 30 Trumbull st.
Bacon, L. W., Instr. 294 Elm st.
Bailey, A. W., Jr. *d* 113 W. D.
Bailey, J. H., So. *a* 67 York st.
Bailey, M., Instr. (150 F.) 442 Temple st.
Bailey, W. B., Ass't. 22 Lynwood st.
Baker, A. J., So. *a* 569 P.
Baker, G. M., So. *a* 120 High st.
Baker, G. P., Jr. *a* 89 S. M.
Baker, H. N., Sr. *a* 112 N.
Baker. R. C., So. *a* 583 P.
Baker, T. N., Grad. *d* 35 Foote st.
Baldwin, A. D., Sr. *a* 370 WH.
Baldwin, A. R., Sr. *a* 301 W.
Baldwin, C. S., Instr. (15 WH.) 57 Wall st.
Baldwin, DeF., Jr. *a* 414 B.
Baldwin, E. C., *g* 82 Whalley av.
Baldwin, E. G., *g* 54 Garden st.
Baldwin, E. H., *g* Cheshire
Baldwin, F. F., Jr. *s* 111 Grove st.
Baldwin, N. A., Fr. *a* 1044 Chapel st.
Baldwin, S. E., Prof. (69 Church st.) 44 Wall st.
Balmer, W. E., 2 *m* 109 Wall st.
Bancroft, C. K., Tutor 102 N.
Bangs, M. B., Jr. *a* 201 D.
Barber, H. A., *g* Seymour
Barbour, L. B., So. *a* 551 P.
Barbour, R. W., Fr. *s* 104 Wall st.
Barclay, C. H., Sr. *a* 124 N.
Bardeen, N., So. *a* 406 B.
Barnes, B., Ass't. 1442 Chapel st.
Barnett, W. L., Sr. *a* 27 College st.
Barney, A. H., Sr. *a* 4 V.
Barney, J. W., So. *a* 22 College st.
Barney, S. E., Ass't. Prof. 503 Orange st.
Barnum, R. N., Sr. *s* 131 Grove st.
Barrell, A. M., So. *a* 22 College st.
Barrell, C. M., Jr. *d* 53 E. D.
Barroll, G. M., Fr. *s* 411 Temple st.
Barry, T. F., Jr. *l* Derby
Barstow, W. A., Jr. *a* 66 V.
Bartholomew, G. H., So. *a* 225 Sherman av.
Bartholomew, J. H., Fr. *s* 297 Crown st.
Bartholomew, W. C., So. *a* 225 Sherman av.
Bartlett, A. H., Sr. *a* 138 York st.
Bartlett, C. G., Jr. *a* 380 WH.
Bartlett, C. J., Ass't. Prof. 78 Lake pl.
Bartlett, N. W., So. *a* 1076 Chapel st.
Bartlett, S. R., So. *a* 216 D.
Bascom, C. E., Fr. *s* 101 Wall st.
Bassett, F. P., So. *a* 369 WH.
Bassett, J. B., Jr. *s* 61 Grove st.
Bassett, R. E., Fr. *s* 1090 Chapel st.
Bassett, S. E., Sr. *a* 124 N.
Bassick, W. R., Fr. *s* 109 Wall st.
Bates, H. W., Jr. *s* 110 Wall st.
Battey, L. F., Jr. *a* 411 B.

Bauby, C. W., Jr. *l* Waterbury
Bauer, E. T., So. *a* 120 High st.
Baylis, A. B., Sr. *a* 8 V.
Bayne, J., Fr. *a* 238 York st.
Bayunderian, H. H., Sr. *d* 119 W. D.
Beach, E. K., *g* 56 Whalley av.
Beach, F. E., Ass't. Prof. 44 Lyon st.
Beach, S. Y., Sr. *s* 50 Grove st.
Beach, W. D., Jr. *d* 96 W. D.
Bear, C. E., Sr. *a* 365 WH.
Beard, L. L., Jr. *a* 146 F.
Beardsley, H. J., So. *a* 41 Howe st.
Beardsley, L. W., Jr. *l* Bridgeport
Beattie, E. W., Sr. *l* 27 High st.
Beck, F. G., Jr. *a* 25 Warren pl.
Beebe, W., Ass't. Prof. 262 Bradley st.
Beecher, C. E., Prof. (9 M.) 313 Crown st.
Beecher, J. C., *mus.* Shelton
Beecher, N. B., Sr. *a* 375 WH.
Beeck, E. E., Jr. *a* 104 N.
Beers, G. E., Ass't. Prof. (15 Law School) 31 Lake pl.
Beers, H. A., Prof. (171 F.) 25 Vernon st.
Beinecke, B., Sr. *s* 36 Elm st.
Belding, C. E., Fr. *a* 166 York st.
Belin, C. A., Jr. *a* 237 D.
Bell, A. M., Jr. *s* 131 Grove st.
Bell, A. McD., So. *a* 75 S. M.
Bell, E. F., Sr. *a* Dwight Hall
Bell, S., Fr. *s* 393 Temple st.
Beltz, F., Fr. *a* 233 York st.
Benjamin, H. F., Sr. *s* 133 College st.
Benjamin, W. P., Sr. *a* 44 V.
Benner, B. C., Sr. *a* 95 S. M.
Bennett, E. W., *f* 357 Elm st.
Bennett, M. T., Sr. *a* 180 LYC.
Bennett, W., *g* 258 Church st.
Bennett, W. L., Instr. (179 Church st.) 357 Elm st.
Bentley, C., So. *a* 575 P.
Berdan, J. M., *g* 90 High st.
Berger, A. B., Fr. *a* 155 Elm st.
Berger, W. F. B., Jr. *a* 325 W.
Bergin, T. J., Jr. *m* 14 Daggett st.
Berry, C. D., Jr. *a* 324 W.
Betts, E. H., Sr. *a* 300 W.
Betts, R. W., Fr. *s* 393 Temple st.
Betts, W. R., Sr. *a* 49 V.
Bevins, W. L., Jr. *l* Meriden
Bicknell, J., Jr. *a* 77 S. M.
Billings, A. H., *g* 89 Whalley av.
Billings, F. T., Sr. *m* 333 York st.
Billings, L. G., Sr. *a* 125 N.
Bindley, E. H., So. *a* 205 D.
Bingham, H., Sr. *a* 125 N.
Birch, H. T., So. *a* 68 W. D.
Birely, C. W., Mid. *l* 526 P.
Bishop, F. C., Ass't. 1223 Chapel st.
Bishop, J. H., Jr. *s* 110 Wall st.
Bishop, L. B., Ass't. 77 Whitney av.
Bishop, W. H., Instr. 68 High st.
Bissell, H., So. *a* 522 P.
Bissell, H. M., Jr. *a* 20 V.
Bissell, L. D., Instr. (Sloane Lab.) 1010 Chapel st.
Blackman, E. C., Sr. *s* 64 Edgewood av.
Blackman, W. F., Prof. (7 E. D.) 253 St. Ronan st.
Blake, J. K., Sr. *l* 1002 Chapel st.
Blakely, Q., Sr. *d* 94 W. D.
Blakeslee, G. A., 1 *m* 39 Ward st.
Blakesley, N. S., Jr. *l* Whitneyville
Blatchford, C. H., Grad. *l* 146 College st.
Blatchley, C. E. *mus.* 219 Blatchley av.
Blatchley, J. E., Jr. *l* 219 Blatchley av.
Blatz, H., Res. Lic. *d* Westville
Bliss, F. C., Sr. *d* 73 W. D.
Bliss, I., Sr. *a* 318 Elm st.
Blossom, D. S., Fr. *a* 217 York st.
Blount, F. A., So. *a* 96 S. M.
Blumenthal, E., Sr. *a* 400 B.
Blumenthal, F. W., So. *a* 248 York st.
Boardman, H. E., Jr. *s* 79 Wall st.
Boardman, S. S., Fr. *a* 119 Wall st.
Boardman, W. B., Sr. *l* 94 York sq.
Bogart, J. D., Fr. *a* 339 York st.
Boise, E. B., Jr. *a* 201 D.
Bolin, S. R., Jr. *l* 59 Prospect st.
Bolster, F. E., Mid. *d* 102 W. D.
Boltwood, B. B., Instr. 162 S. L.
Bonner, F. D., Fr. *a* 37 Eaton st.
Boocock, H., So. *a* 22 College st.
Bookwalter, A. G., *g* 163 York st.
Booth, A. E., *g* 52 Howe st.
Booth, F. H., Sr. *a* 210 D.
Booth, H. E., *f* 205 Orchard st.
Booth, L. R., *f* 67 Mansfield st.
Booth, M., *g* 12 Gill st.
Borden, H. S., Sr. *a* 11 V.
Borden, J. H., Jr. *a* 285 W.
Borden, L. L., Jr. *s* 130 Wall st.
Borden, W. A., Libr. (Libr.) Westville
Born, F. J., Sr. *a* 402 Crown st.
Boss, H. M., Mid. *l* 91 W. D.
Bosworth, C. I., Sr. *s* 43 College st.
Botkin, A. W., Jr. *s* 59 Wall st.

Bourne, E. G., Prof. 73 Mansfield st.
Bowden, J., *g* 90 Lake pl.
Bowden, L. R., Mid. *l* 109 Wall st.
Bowen, G. M., 1 *m* New Britain
Bowen, T., Mid. *l* Ansonia
Bowles, H. T., Jr. *a* 298 W.
Bowser, C. B. B., Sr. *d* 105 W. D.
Boyajian, Z. E., *g* 129 Howe st.
Boyce, J., Jr. *a* 100 N.
Boyce, J. L., Fr. *a* 226 York st.
Boyce, S. G., Jr. *a* 100 N.
Boyd, D. M., Jr. *a* 297 W.
Boyd, G. N., So. *a* 273 L.
Bozian, M. H., Jr. *d* 122 Howe st.
Bradford, E. G., So. *a* 572 P.
Bradford, L., Res. Lic. *d* 53 E. D.
Bradish, S. P., Mid. *l* 132 Howe st.
Bradley, B. K., *f* 212 York st.
Bradley, W. M., Ass't. 1346 Chapel st.
Bradstreet, E. D., Fr. *a* 79 Wall st.
Brady, N. F., Jr. *a* 28 V.
Brainard, C. B.. Sr. *m* 159 Elm st.
Brainard, I. E., 1 *m* 159 Elm st.
Brainard, M. B., So. *a* 551 P.
Brainerd, H. W., Fr. *a* 1161 Chapel st.
Brand, P. R., Jr. *s* 103 Wall st.
Brastow, L. O., Prof. (5 E. D.) 128 Wall st.
Brayton, C. A., Jr. *a* 51 V.
Breck, A., Sr. *d* 25 E. D.
Breckenridge, W. E., *g* A.
Brennan, A. K., Ass't. 49 Humphrey st.
Brennan, W. D., Fr. *s* 147 College st.
Brett, A., *mus.* 195 James st.
Brett, W. L., Sr. *a* 147 College st.
Brewer, A., *g* 418 Orange st.
Brewer, W. H., Prof. (4 S. H.) 418 Orange st.
Bridge, G. A., Sr. *a* 103 N.
Briggs, C. S., Mid. *d* 295 York st.
Briggs, H. H., Grad. *m* 1098 Chapel st.
Briggs, Z. M., Sr. *a* 402 Crown st.
Brinley, C. E., So. *a* 165 F.
Brinton, H. F., Sr. *a* 97 N.
Bristol, A. L., *mus.* 191 Exchange st.
Broatch, J. W., Ass't. 67 Grove st.
Broatch, R. E., Sr. *s* 96 Wall st.
Brock, J. P., So. *a* 22 College st.
Broderick, F. P., Sr. *m* 335 George st.
Bromley, J. M., Sr. *a* 101 St. John st.
Bronson, C. W., So. *a* 1233 Chapel st.
Bronson, E. S., So. *a* 22 College st.
Bronson, G. A., *f* 571 Elm st.
Bronson, H. L., So. *a* 1233 Chapel st.
Bronson, L. H., Fr. *a* 1233 Chapel st.
Brooke, F. H., Jr. *a* 298 W.
Brooke, S. P., Jr. *a* 85 S. M.
Brooks, A. M., Fr. *s* 393 Temple st.
Brooks, C. S., So. *a* 567 P.
Brooks, F. W., Fr. *a* 126 Wall st.
Brooks, J. A., Spec. *s* Derby
Brooks, J. C., Sr. *a* 41 V.
Brooks, W. E., Grad. *l* 64 Lake pl.
Brougham, H. B., Fr. *a* 116 N.
Brown, A., Fr. *a* 223 D.
Brown, A. H., Jr. *l* 1193 Chapel st.
Brown, A. J., Jr. *a* 308 W.
Brown, B. B., Sr. *d* 79 W. D.
Brown, C. P., *g* 220 Lawrence st.
Brown, D. J., Sr. *a* 95 S. M.
Brown, E. D., Fr. *a* 86 W. D.
Brown, E. H., Fr. *a* 168 York st.
Brown, E. W., *g* 106 Sherman av.
Brown, F. G., Fr. *a* 203 York st.
Brown, G. L., Sr. *s* 117 Wall st.
Brown, H. M., Fr. *a* 192 York st.
Brown, Herbert S., *g* 596 P.
Brown, Horace S., Fr. *s* 389 Temple st.
Brown, J., Jr. *a* 330 W.
Brown, L. P., Fr. *a* 82 Wall st.
Brown, P. J., Sr. *s* 86 W. D.
Brown, R., Sec'y. Observatory pl.
Brown, R. D., Sr. *s* 159 Elm st.
Brown, W. K., Fr. *s* 1 Hillhouse av.
Brown, W. M., Jr. *s* Yalesville
Browning, P. E., Instr. (Kent Lab.) 351 WH.
Brownlee, T. E., Sr. *a* 348 Crown st.
Bruce, K., So. *a* 148 F.
Brudno, E. S., Jr. *l* 18 Vernon st.
Brush, G. J., Prof. (3 S. H.) 14 Trumbull st.
Bryant, O. S., Jr. *a* 157 York st.
Bryson, J. H., Sr. *s* 117 Wall st.
Buchwalter, R. Z., Jr. *a* 204 D.
Buck, J. H., So. *a* 314 Crown st.
Buck, W., So. *a* 120 High st.
Buckingham, C. B., Fr. *a* 281 L.
Buckingham, D. F., Sr. *s* 261 Crown st.
Buckingham, S. M., Jr. *a* 236 D.
Buckland, E. G., Ass't. Prof. (152 Church st.) 83 Elm st.
Budau, J. H. D., 2 *m* Bridgeport
Buell, W. H., Jr. *s* 285 York st.
Buist, G. L., 2 *m* 120 College st.
Bulkley, J. E., Jr. a 250 York st.

Bumstead, H. A., Instr. (118 WINCH.) 203 Lawrence st.
Bunce, A., Sr. *a* 203 D.
Bunnell, C. T., *f* Stratford
Bunnell, G. L., Ass't. 63 W. D.
Bunnell, O. G., Instr. 92 York sq.
Bunting, P. D., Sr. *m* 73 Henry st.
Burbank, H. E., Fr. *s* W. Haven
Burdick, I. E., Fr. *s* 1018 Chapel st.
Burdick, W. L., Sr. *l* 38 Avon st.
Eurlingame, E. W., Sr. *a* 398 B.
Burnett, C. W., Sr. *a* 3 V.
Burnham, J. L., Jr. *m* 100 Dwight st.
Burns, K. L., So. *a* 421 B.
Burr, J. M., *f* Monroe
Burr, N. A., Sr. *a* 364 WH.
Burrell, D. D., Sr. *a* 332 WH.
Burrell, N. M., Jr. *a* 208 D.
Burtis, C. H., Jr. *a* 286 W.
Bush, C. E., Ass't. (1 S. H.) 133 Howe st.
Bushnell, C. C., *g* 92 York sq.
Bushong, J. R., So. *a* 174 F.
Butler, A. N., So. *a* 64 Whalley av.
Butler, E. I., Sr. *a* 101 N.
Butler, G. H., Clerk (1 Phelps) 136 Dwight st.
Butler, G. M., Jr. *d* 45 E. D.
Butler, H. E., Sr. *a* 370 WH.
Butler, L. K., Fr. *a* 226 York st.
Butterworth, L. H., Sr. *a* 103 N.
Buttrick, H. E., *g* A.
Buzzell, H. A., Grad. *l* 41 High st.
Byers, D. C., Sr. *a* 390 B.
Byers, E. M., Fr. *a* 238 York st.
Cadwalader, B. L., Sr. *a* 342 WH.
Cadwalader, G. L., Fr. *a* 155 Elm st.
Cady, C. W., Fr. *a* 120 York st.
Cahn, M. D., Fr. *a* 223 York st.
Callahan, A. P., Fr. *a* 318 Elm st.
Callahan. H. A., Jr. *a* 348 WH.
Callanan, W. P., Sr. *a* 97 N.
Callender, R., Sr. *a* 340 WH.
Calyer, W. J., Jr. *d* 31 E. D.
Cameron, A., *g* 119 W. D.
Cameron, A., Jr., Fr. *a* 250 York st.
Cameron, D. P., Jr. *s* 96 Wall st.
Cameron, J. S., Jr. *a* 283 W.
Camp, J. P., Jr. *a* 121 York st.
Camp, S. B., So. *a* 271 L.
Camp, S. G., So. *a* 99 N.
Campbell, A. S., Sr. *a* 138 York st.
Campbell, C., Fr. *s* 419 Temple st.
Campbell, E. P., Sr. *s* 119 Wall st.
Campbell, J., Prof. Hartford
Campbell, J. H., So. *a* 159 Elm st.
Campbell, S., So. *a* 22 College st.
Canby, H. S., Jr. *s* 86 Wall st.
Canfield, E. T., Jr. *a* 145 F.
Cannon, W. T., Sr. *m* 57 Liberty st.
Capen, C. P., So. *a* 22 College st.
Capen, R. I., Jr. *a* 145 F.
Carey, R. D., So. *a* 229 D.
Carleton, G. M., Jr. *a* 247 L.
Carleton, H., Fr. *a* 552 P.
Carlisle, G. L., Jr. *s* 151 Grove st.
Carlisle, J. M., Fr. *a* 558 P.
Carmalt, G. W., *f* 87 Elm st.
Carmalt, W. H., Prof. 87 Elm st.
Carnell, F. J., Fr. *s* 63 Dwight st.
Carpenter, H. E., Sr. *s* 146 College st.
Carrington, H. D., Instr. 335 Orange st.
Carroll, C. J., Jr. *s* 114 High st.
Carson, J. D., Jr. *a* 355 WH.
Carson, T. C., Fr. *a* 159 Elm st.
Carter, F., So. *a* 26 V.
Carter, H., 1 *m* 391 Crown st.
Carter, L. B., Fr. *a* 313 W.
Carver, A. H., Fr. *a* 170 York st.
Carver, C. A., So. *a* 174 F.
Caskey, L. D., Fr. *a* 64 High st.
Casler, D. B,, So. *a* 206 D.
Catlin, G. L., Fr. *a* 29 High st.
Caton, J. C., Sr. *d* 14 E. D.
Catron, J. W., Fr. *a* 318 Elm st.
Chace, H. B., Ass't. (32 Law School) 59 Prospect st.
Chadwick, C., Jr. *l* 263 Orange st.
Chaffee, E. S., Fr. *s* 107 W. D.
Chamberlain, A. R., Fr. *a* 333 York st.
Chamberlain, J. B., Fr. *a* 159 York st.
Chamberlin, B. C., *g* 332 Temple st.
Chambers, H. W., Jr. *a* 322 W.
Chandler, R. W., So. *a* 31 High st.
Chandler, W. W., *mus.* 31 High st.
Chapman, H. W. *g* Bridgeport
Chappell, D., So. *a* 22 College st.
Chappell, F. V., Sr. *s* 88 Wall st.
Chappell, G. S., Jr. *a* 20 V.
Chappell, H., Fr. *a* 22 College st.
Charles, W. T., Fr. *s* 117 Elm st.
Chase, F. L., Ass't. Astron. Observ'y.
Chase, L. A., Sr. *s* 116 College st.
Chase, L. B., Jr. *d* 26 E. D.
Chase, M. F., Fr. *a* 248 York st.
Chauncey, G. S., Sr. *s* 111 Grove st.
Cheney, A., Sr. *s* 133 College st.
Cheney, A. J., *mus.* 45 Elm st.
Cheney, B. A., Ass't. Prof. 40 Elm st.

Cheney, C. D., Sr. *a* 178 LYC.
Cheney, F. D., So. *a* 265 L.
Cheney, H. C., Jr. *a* 305 W.
Cheney, P., Fr. *a* 270 Crown st.
Cheney, T. L., Fr. *a* 270 Crown st.
Chester, C. M., Sr. *a* 332 Temple st.
Childs, C. F., Jr. *a* 1044 Chapel st.
Childs, J. H., Fr. *a* 1076 Chapel st.
Chisholm, C., Fr. *s* 397 Temple st.
Chisholm, F. M., Fr. *a* 217 York st.
Chisholm, H., Fr. *a* 217 York st.
Chisholm, W. K., Sr. *a* 2 V.
Chittenden, A. K., Fr. *s* 83 Trumbull st.
Chittenden, G. P., Fr. *a* 250 York st.
Chittenden, R. H., Prof. (63 B. L.) 83 Trumbull st.
Chittenden, W. L., So. *a* 570 P.
Christian, H. H., Fr. *a* 238 York st.
Christie, E. B., Fr. *a* 368 Whalley av.
Church, R. G., Jr. *s* 73 Lake pl.
Church, R. S., 2 *m* 109 York st.
Church, W. W., Mid. *l* 89 Sherman av.
Clapp, A. W., Sr. *a* 328 W.
Clapp, R. G., Jr. *s* 36 Elm st.
Clapp, S. H., Fr. *a* 131 High st.
Clark, A. T., Fr. *s* 166 Meadow st.
Clark, B., Sr. *a* 42 V.
Clark, C. U., *g* 15 E. D.
Clark, E. A., *g* 276 Orange st.
Clark, E. G., 1 *m* 100 Portsea st.
Clark, E. H., Fr. *s* 110 Wall st.
Clark, E. Lord, Sr. *a* 398 B.
Clark, E. Luke, Grad. *l* 322 Elm st.
Clark, E. W., Fr. *s* Shelton
Clark, F. A., Fr. *a* 155 Elm st.
Clark, G. B., Fr. *a* 22 College st.
Clark, G. H., *g* 125 Spring st.
Clark, G. M., Fr. *a* 177 F.
Clark, H. B., Sr. *a* 53 V.
Clark, H. S., Jr. *s* 131 Grove st.
Clark, J. E., Prof. (40 N. S. H.) 445 Orange st.
Clark, J. K., Jr. *a* 249 L.
Clark, J. W., So. *a* 47 Lake pl.
Clark, O. M., Sr. *a* 154 F.
Clark, R. E., Sr. *a* 317 W.
Clark, R. S., Jr. *s* 77 Wall st.
Clark, W. F., Jr. *d* 31 E. D.
Clark, W. H., Mid. *l* 533 P.
Clark, W. R., Jr. *s* Shelton
Clarke, C. G., Instr. 219 York st.
Clarke, J. L., *f* 558 Chapel st.
Clarke, K. K., Fr. *s* 124 Wall st.
Clarke, T. B., So. *a* 1076 Chapel st.
Clarke, W. R., So. *a* 22 College st.
Clarkson, T. H., Fr. *a* 1076 Chapel st.
Clausen, G. U., Sr. *s* 22 College st.
Claypool, T. H., Sr. *a* 108 N.
Clement, A. W., So. *a* 72 W. D.
Clemons, C. F., Mid. *l* 66 W. D.
Cleveland, A. F., Sr. *a* 334 WH.
Clopton, W. G., 1 *m* 75 Broadway
Cluett, A. R., Fr. *s* 110 Wall st.
Clute, H. E., *g* 62 Lake pl.
Clyde, W. P., Fr. *a* 250 York st.
Coaney, G. D., So. *a* 1040 Chapel st.
Cobb, A. E., Sr. *m* 121 York st.
Cochran, W. F., Sr. *s* 111 Grove st.
Cocks, G. H., Jr. *a* 379 WH.
Coe, B. G., *mus.* Madison
Coe, F. S., Jr. *s* 332 Temple st.
Coe, J. D., Sr. *a* 17 V.
Coe, W. R., Instr. (75 B. L.) 2 Hillhouse av.
Coffin, C. E., Jr. *a* 64 V.
Coffin, W. S., So. *a* 576 P.
Cogswell, H. B., Sr. *a* 151 F.
Cogswell, L., Jr. *a* 235 D.
Cohane, J. J., Sr. *m* 27 Haven st.
Coit, R. M., Jr. *a* 262 L.
Colborne, E. S., *f* 137 College st.
Colcord, R. E., Sr. *a* 151 F.
Colgan, J. P., 2 *m* 118 Ashmun st.
Collins, E. D., Ass't. 279 Crown st.
Collins, J. E., Fr. *s* W. Haven
Colp, C. G., Mid. *d* 6 E. D.
Colston, G. A., Sr. *a* 22 V.
Colton, H. B., Fr. *a* 587 P.
Colton, M. A., Sr. *a* 72 S. M.
Colvocoresses, G. M., So. *a* 1044 Chapel st.
Colwell, H. C., Jr. *a* 327 W.
Comley, W. H., Jr. *l* Bridgeport
Comstock, W. J., Instr. 43 Trumbull st.
Condon, E. J., Fr. *a* Derby
Congdon, E., So. *a* 427 Temple st.
Conklin, W. E., *g* 73 Lake pl.
Conner, C. H., Jr. *a* 347 WH.
Conner, N. G., So. *a* 89 Trumbull st.
Conner, W. B., Jr. *a.* 347 WH.
Connor, T. M., Fr. *l* 819 Chapel st.
Connor, W. T., Mid. *l* 314 George st.
Conrey, H. M., *g* 276 Orange st.
Conway, C. C., Jr. *s* 407 Temple st.
Conway, W. F., Jr. *l* 383 George st.
Cook, A. S., Prof. (135 Elm st.) 219 Bishop st.
Cook, F. C., So. *a* 134 F.

Cook, L. A., So. *a* 116 W. D.
Cooke, C. M., *g* 343 George st.
Cooney, W. J., 1 *m* 107 Greene st.
Coonley, F., 2 *m* 333 York st.
Cooper, L., *g* 108 George st.
Corbet, W. W., Fr. *s* 293 York st.
Corbin, Alberta L., *g* 78 Dwight st.
Corbin, Arthur L., Jr. *l* 78 Dwight st.
Cornwall, F. M., *mus.* Milford
Cornwall, M. P., *mus.* 402 Crown sf.
Corwin, A. F., Jr. *s* 133 College st.
Corwin, R. N., Ass't Prof. 333 Crown st.
Costello, P. V., 1 *m* 214 Franklin st.
Coughlin, T. C., Jr. *l* Bridgeport
Coughlin, W. J., Mid. *l* 251 Crown st.
Cowan, G. S., Sr. *a* 287 W.
Cowdrey, N. H., Sr. *a* 335 WH.
Cowdrey, W. L., Fr. *s* 419 Temple st.
Cowles, W. E., *g* Derby
Coxe, A. C., Fr. *a* 580 P.
Coy, S. L., Fr. *a* 1076 Chapel st.
Crampton, F., So. *a* 135 F.
Crandall, R. E., Jr. *a* 166 York st.
Crane, J. T., Sr. *a* 328 W.
Crane, O. G., *g* 231 York st.
Crane, Z. M., So. *a* 381 WH.
Crawford, C. D., Res. Lic. *d* 48 E. D.
Crawford, C. M., So. *a* 116 N.
Crawford, F. T., So. *a* 1076 Chapel st.
Crawford, O., Fr. *a* 417 B.
Creelman, H., Instr. 183 Lawrence st.
Cressy, M. S., So. *a* 130 F.
Crittenden, W. E., So. *a* 104 Howe st.
Crosby, R. M., Sr. *a* 78 S. M.
Cross, F. So. *a* 448 Washington av.
Cross, J. W., So. *a* 165 F.
Cross, W. L., Ass't Prof. 430 Temple st.
Crosthwaite, J. L., Fr. *a* 231 York st.
Crouse, G. N., Fr. *s* 407 Temple st.
Crowell, R. H., Sr. *a* 23 V.
Cumings, R. H., Sr. *s* 86 W. D.
Cummings, F. I., *mus.* Plantsville
Cunningham, C. W., Sr. *s* 133 College st.
Cuntz, J. H., *g* 64 High st.
Curran, H. H., Sr. *a* 377 WH.
Currier, R. D., So. *a* 169 F.
Curry, S. S., Instr. 12 E. D.
Curtis, E. L., Prof. (12 E. D.) 61 Trumbull st.
Curtis, E. N., Fr. *a* 299 York st.
Curtis, F. B., *g* 1142 Chapel st.
Curtiss, C. L., Spec. *s* 374 Whalley av.
Curtiss, H. S., Fr. *a* 168 York st.
Curtiss, W. E., Jr. *a* 36 V.
Cushman, W. D., Jr. *a* 348 WH.
Cutten, G. B., *g* Montowese
Cutter, E., Fr. *s* 110 Wall st.
Cutter, W. D., Jr. *a* 109 N.
Daggett, L. M., Instr. (42 Church st.) 77 Grove st.
Dallam, J. C., Jr. *s* 110 Wall st.
Dana, E. S., Prof. (4 M.) 119 Grove st.
Dana, J. D., So. *a* 584 P.
Dann, P. N., Jr. *s* 22 College st.
Danziger, T. W., Fr. *a* 248 York st.
Darling, R., Jr. *a* 344 WH.
Darlington, C. L., Jr. *a* 261 Crown st.
Dashiell, P. T., Jr. *s* 131 Grove st.
Dautel, G., Jr. *a* 43 V.
Davenport, W. E., Jr. *a* 144 F.
Davidson, E. E., So. *a* 211 D.
Davies, A. E., *g* 701 Chapel st.
Davies, F. M., Jr. *a* 46 V.
Davies, H., Lecturer 90 High st.
Davis, A. W., Jr. *a* 310 W.
Davis, F. F., Sr. *s* 36 Elm st.
Davis, H. L., Jr. *s* 138 College st.
Davis, J. E., So. *a* 229 D.
Davis, W. E., Fr. *a* 169 Orange st.
Davis, W. W., *g* 83 Olive st.
Day, D. H., Jr. *a* 15 V.
Day, E. E., Mid. *d* 24 E. D.
Day, G. E., Prof. 125 College st.
Day, J., So. *a* 329 W.
Day, O. A., Jr. *s* 131 Grove st.
Day, R. S., *g* 61 W. D.
Day, S. S., Sr. *s* 108 High st.
Dean, E. C., Fr. *s* 110 Wall st.
Dean, S. B., So. *a* 570 P.
Deane, J. P., Sr. *d* 95 W. D.
Decrow, J. W., So. *a* 149 F.
DeForest, C. M., Fr. *a* 387 Temple st.
deForest, E. L., Fr. *s* 110 Wall st.
DeForest. F. M., *g* Bridgeport
DeForest, L., *g* 387 Temple st.
DeForest, L. S., Prof. 54 Wall st.
DeGolyer, D. L., Fr. *s* 419 Temple st.
Delano, M., Sr. *a* 62 V.
Delano, R. L., So. *a* 175 F.
DelMas, R., Sr. *m* 845 Grand av.
Deming, D. B., *g* A.
DeNeefe, H. S., Jr. *l* 333 York st.
Dennis, H. R., Jr. *a* 1044 Chapel st.
Dettmer, J. G., Fr. *a* 22 College st.
Dewell, J. K., *mus.* 400 Orange st.
Dewey, H. M., Jr. *a* 253 L.
Dexter, F. B., Sec'y. (Libr.) 178 Prospect st.

Deyo, C. D., So. *a* 120 High st.
Dickerman, H. L., Jr. *l* Westville
Dickerman, S. O., *g* Athens
Dickinson, F. M., Fr. *s* 205 Crown st.
Dillingham, S., Fr. *a* 310 Elm st.
Dillon, S., Jr. *s* 119 Wall st.
Docker, G. P., Jr. *s* 90 Wall st.
Dodd, L. W., Jr. *s* 313 York st.
Dodd, R. L., So. *a* 96 S. M.
Dodge, C. P., Jr. *a* 32 V.
Dodge, M. J., Sr. *a* 62 V.
Dodge, M. W., Jr. *a* 234 D.
Dodson, F. S., Fr. *a* 359 WH.
Dominick, W. F., Sr. *a* 367 WH.
Doniphan, J. V., Jr. *a* 288 W.
Donnelly, E. F., Fr. *a* 219 York st.
Donnelly, R. J., Jr. *s* 77 Wall st.
Doohan, D. P., Jr. *s* 193 Prospect st.
Doudge, B. T., Fr. *a* 238 York st.
Douglas, J. F., Sr. *l* 62 Lake pl.
Douglas, M., So. *a* 225 D.
Douglass, J. B., Jr. *l* 45 Lake pl.
Douglass, R. G. D., Sr. *a* 7 V.
Dow, C. M., Fr. *s* 332 Temple st.
Dow, H. A., So. *a* 206 D.
Dowd, W. E., Fr. *s* 145 College st.
Dowell, O. H., Sr. *s* 104 Wall st.
Downes, M. T., Jr. *l* Wallingford
Downey, C. J., 1 *m* 558 Grand av.
Downs, E. S., Sr. *a* 120 N.
Downs, W. J., Fr. *a* 119 Park st.
Doyle, C. F., Jr. *a* 285 W.
Drake, F. E., Jr. *s* 90 Wall st.
Drake, J. P., Sr. *s* 96 Wall st.
Draper, C. H., So. *a* 22 College st.
Drew, D. C., So. *a* 420 Temple st.
Droste, G. A., Fr. *a* 1142 Chapel st.
Drown, W. N., Sr. *l* 125 High st.
Drummond, C. R., Jr. *s* 131 Grove st.
Drummond, E. J., Sr. *s* 90 Wall st.
Drury, P. W., Sr. *a* 122 N.
DuBois, A. J., Prof. (129 WINCH.) 258 Bradley st.
Dubuque, A. Y., Jr. *a* 158 F.
Dudley, C. T., Fr. *s* 389 Temple st.
Dudley, G. N., *mus.* Bridgeport
Dudley, G. W., Fr. *s* 526 George st.
Dudley, P. E., Sr. *a* 373 WH.
Dudley, S. W., Fr. *s* Westville
Dulany, G. W., Sr. *s* 96 Wall st.
Duncan, G., So. *a* 278 L.
Duncan, G. M., Prof. 175 Edwards st.
Duncanson, J. C., *g* 701 Chapel st.
Duncklee, G. W., Sr. *l* 595 P.
Dundon, A. H., Sr. *m* 163 York st.
Dungan, T. A., Jr. *d* 49 E. D.
Dunlap, J. G., Res. Lic. *d* 241 Sherman av.
Dunn, J. J., *g* 542 Chapel st.
Dunn, R. L., Jr. *s* 267 Orange st.
Dunning, H. W., Instr. 76 W. D.
Dupee, C., Fr. *a* 333 York st.
Durbin, L. J., Jr. *a* 1044 Chapel st.
Durfee, E. L., *g* 279 Crown st.
Durgy, C., *f* 118 Dwight st.
Durston, A. H., Jr. *s* 131 Grove st.
Dustin, G. K., Jr. *s* 133 Wall st.
Dutton, H. F., Fr. *s* 110 Wall st.
Dwight, A. T., Fr. *s* 248 York st.
Dwight, T., Pres. (7 TR.) 126 College st.
Dyer, R. F., Sr. *s* 103 Wall st.
Eames, M. D., Jr. *a* 555 P.
Easterbrook, R. T., Jr. *s* 82 York sq.
Eaton, C. K., *f* 70 Sachem st.
Eaton, E. D., So. *a* 281 Crown st.
Eaton, G. F., *g* 70 Sachem st.
Eaton, F. W., So. *a* 132 F.
Eble, R. A., So. *a* 114 High st.
Eckhardt, M. M., Fr. *s* 22 College st.
Eddy D. B., Sr. *a* 261 L.
Eddy, D. L., Sr. *a* 261 L.
Eddy, E. M., Jr. *s* 413 Temple st.
Eddy, O. H., Fr. *a* 250 York st.
Edgerton, J. W., *g* Middletown
Edison, W. L., Fr. *s* 393 Temple st.
Edwards, G. H., *g* 57 Prospect st.
Edwards, O. C., *f* 188 Townsend av.
Edwards, R. H., Fr. *a* 523 P.
Edwards, S. W., So. *a* 120 High st.
Eells, J. S., Fr. *a* 1076 Chapel st.
Eggleston, E. P., So. *a* 141 F.
Ehrich, M. W., Sr. *a* 1 V.
Ehrich, W. J., Fr. *s* 125 High st.
Ehrich, W. L., Jr. *s* 114 High st.
Eiseman, F. B., Fr. *a* 250 York st.
Eldridge, J. G., Ass't. 45 Lake pl.
Eliason, E. L., Fr. *a* 165 York st.
Elkin, W. L., Astron. 477 Prospect st.
Elkins, S. B., So. *a* 319 W.
Ellerbe, C. P., So. *a* 278 L.
Ellis, G., Sr. *a* 34 V.
Ellis, G. B., So. *a* 521 P.
Ellsbree, E. C., So. *a* Meriden
Ellsworth, H. E., So. *a* 265 L.
Ely, A. E., So. *a* 183 LYC.
Ely, C. B., Fr. *s* 395 Temple st.
Ely, H. S., Fr. *a* 600 P.
Ely, J. S., Prof. 316 Crown st.
Ely, M. U., Sr. *a* 226 D.

Emerson, E. O., Sr. *a* 34 V.
Emerson, J. R., Fr. *s* 297 Crown st.
Emmons, F. L., Jr. *d* 37 E. D.
English, R. M., Sr. *m* 226 Greenwich av.
Entrekin, J. C., Jr. *a* 60 V.
Erving, W. G., Sr. *a* 352 WH.
Erwin, W. T., Grad. *m* 295 York st.
Estee, O. D., So. *a* 418 B.
Eustis, A. C., Sr. *s* 131 Grove st.
Evans, A. W., Instr. (18 S. H.) 2 Hillhouse av.
Evans, B. H., Jr. *a* 346 WH.
Evans, E., *g* 31 Beers st.
Evans, E. R., Mid. *d* 83 W. D.
Evans, J. L., Jr. *a* 208 D.
Evans, R. L., Sr. *a* 1044 Chapel st.
Evans, T. M., Sr. *a* 13 V.
Everett, W. E., Jr. *a* 246 L.
Ewell, A. W., Ass't. (Sloane Lab.) 101 W. D.
Ewell, W. S., Fr. *a* 34 Hillhouse av.
Fackler, E. B., So. *a* 524 P.
Fair, C. M., Jr. *a* 309 W.
Fairbanks, A., Instr. (3 Phelps) 77 Elm st.
Fallon, F. B., Jr. *a* 144 F.
Falls, J. W., Fr. *s* 395 Temple st.
Fankhaufer, C. K., *g* 121 Dwight st.
Fanslow, W. F., Fr. *a* 53 Salem st.
Farley, E. F., So. *a* Derby
Farley, J. A., Jr. *a* 239 D.
Farnam, H. W., Prof. 43 Hillhouse av.
Farnam, T. W., Jr. *a* 331 WH.
Farnam, W. W., Treas. (5 TR.) 335 Prospect st.
Farr, C. E., Sr. *a* 168 F.
Farr, H. A., *g* Jena, Germany
Fassett, F. J., Sr. *a* 161 F.
Feary, M. L., Sr. *a* 354 WH.
Feary, M. S., Sr. *a* 354 WH.
Fenton, H. J., Jr. *a* 159 F.
Ferguson, E. B., Jr. *d* 54 E. D.
Ferguson, J. S., So. *a* 215 D.
Ferguson, R., So. *a* 143 F.
Ferrey, F. G., Sr. *s* 104 Wall st.
Ferris, H. B., Prof. 118 York st.
Ferris, W. C., Sr. *d* 19 E. D.
Ferry, F. F., So. *a* 237 York st.
Ferry, N. S., Sr. *s* 350 Elm st.
Fewsmith, J. L., Sr. *a* 17 V.
Ficke, T. H., Fr. *a* 154 F.
Field, C. W., 2 *m* 1161 Chapel st.
Field, G. W., Jr. *a* 109 N.
Field, H. M., So. *a* 211 D.
Field, T. J., Mid. *l* 1044 Chapel st.
Field, W. H., Jr. *a* 15 V.
Findley, J. A., Fr. *a* 360 WH.
Finley, J. H., Jr. *s* 1010 Chapel st.
Finnegan, G. J., Jr. *l* 314 Crown st.
Fisher, G. P., Prof. (9 E. D.) 27 Hillhouse av.
Fisher, H. W., Sr. *a* 164 F.
Fisher, I., Ass't. Prof. 460 Prospect st.
Fisher, I. L., So. *a* 121 N.
Fisher, T. R., Sr. *s* 111 Grove st.
Fiske, J. L., Fr. *a* 57 Prospect st.
Fiske, J. M., Jr. *s* 43 College st.
Fitch, A. P., Sr. *a* 11 V.
Fitch, L., Sr. *s* 88 Wall st.
Fitzpatrick, J., Mid. *l* 289 Hamilton st.
Flaherty, M., Mid. *l* Derby
Flanagan, M. J., Mid. *l* Bridgeport
Flannery, W. J., 2 *m* New Britain
Fleischner, H., Lect'r. 928 Grand av.
Fletcher, H., Sr. *a* 349 WH.
Fletcher, R. S., Fr. *a* 176 F.
Flinn, R. E., Fr. *s* 391 Temple st.
Flint, H. M., Fr. *a* 123 N.
Flint, R. P., Jr. *s* 22 College st.
Flint, W. R., Sr. *a* 123 N.
Flynn, J. F., Jr. *a* 251 Crown st.
Foley, A. G., *mus.* Silver Lane
Follett, A. G., Fr. *s* 210 Prospect st.
Foote, H. W., Ass't. 162 S. L.
Forbes, C. B., *mus.* E. Haven
Forbes, H. deB., Jr. *s* W. Haven
Ford, W. B., Sr. *l* 42 Trumbull st.
Ford, W. E., Jr. *s* 16 Lynwood st.
Forman, J. M., Sr. *a* 317 W.
Forrest, R. E., Jr. *a* 289 W.
Forsell, K. E., Sr. *d* 38 E. D.
Foster, A. K., Res. Lic. *d* 263 Crown st.
Foster, D., Jr. *m* 427 Temple st.
Foster, J. E., Sr. *a* 122 N.
Foster, J. P. C., Instr. 109 College st.
Foster, R., Lecturer N. Y. City
Foster, W. L., So. *a* 183 LYC.
Foulks, J. A., Fr. *s* 128 High st.
Fowler, C. J., Sr. *a* 364 WH.
Fowler, C. R., Jr. *a* 156 F.
Fowler, F. H. B., Jr. *s* 108 Humphrey st.
Fowler, N., Spec. *l* 96 Wall st.
Fox, A. G., So. *a* 269 L.
Fox, G. A., *mus.* 58 Sylvan av.
Fox, G. L., Lecturer 7 College st.

Francis, D. R., So. *a* 209 D.
Franey, F. J., Jr. *a* 121 Orchard st.
Frank, A., Grad. *l* 83 Elm st.
Frank, L., So. *a* 410 B.
Franklin, T. E., So. *a* 215 D.
Fraser, A. E., Sr. *d* 55 W.
Frazer, C. R., Jr. *a* 304 W.
Frederick, C. H., So. *a* 205 Crown st.
Freeborn, C. J., Jr. *s* 111 Grove st.
Freeland, E. L., Sr. *s* 111 Grove st.
French, H. D., Sr. *d* 42 E. D.
Fuller, A., Mid. *l* 117 Wall st.
Fuller, C. A., Sr. *l* 145 Olive st.
Fuller, H. B., So. *a* 139 F.
Fuller, J. H., Sr. *a* 123 N.
Fuller, L. P., Jr. *a* 393 B.
Fuller, R. N., 1 *m* 40 Kensington st.
Fulton, G. H., Fr. *s* 132 Columbus av.
Fulton, L. E., Fr. *a* 223 York st.
Fulton, W. H., Fr. *s* 132 Columbus av.
Furbush, A. C., *g* 70 Howe st.
Futter, L. N., Fr. *a* 144 Liberty st.
Gabriel, H. E., Jr. *l* 333 York st.
Gage, C. B., Sr. *a* 257 L.
Gager, E. B., Instr. Birmingham
Gaines, D. H., Jr. *s* 119 Wall st.
Gaines, F. W., Sr. *l* 333 York st.
Gaines, J. M., Ass't. 530 P.
Gaines, M. W., Sr. *a* 164 F.
Gale, A. S., Jr. *a* 250 L.
Gales, W. S., Sr. *a* 238 D.
Gallagher, B., *f* 13 University pl.
Gallaudet, E. F., Instr. 83 Elm st.
Gallaudet, H. D., Sr. *a* 256 L.
Galt, A. T., Sr. *a* 264 L.
Gannon, J. W., Jr. *s* 231 York st.
Gardner, J. A., Fr. *a* 561 P.
Gardner, S. W., Fr. *a* 82 S. M.
Garrison, R. T., Sr. *a* 9 V.
Gates, E. R., Fr. *s* Ansonia
Gates, M. H., Jr. *a* 320 W.
Gauld, J., Spec. *m* 39 Frank st.
Gause, F. T., Sr. *s* 88 Wall st.
Gause, H. C., Jr. *s* 86 Wall st.
Gay, R. H., Sr. *a* 340 WH.
Gehrmann, C. F., Sr. *a* 372 WH.
Geiser, K. F., *g* 47 Lake pl.
Gibbs, J. W., Prof. (Sloane Lab.) 121 High st.
Gibson, P. J., Fr. *s* 393 Temple st.
Gibson, W. F., Spec. *s* 22 College st.
Gies, W. J., Ass't. 2 Hillhouse av.
Gifford, H. V., Fr. *s* 419 Temple st.
Gilbert, F. M., Sr. *a* 63 V.
Gilbert, H. C., Ass't. (Libr.) 22 Whalley av.
Gilbert, P. T., Fr. *a* 224 Oak pl.
Gillespie, D. H. M., Sr. *a* 268 L.
Gillespie, H. L., Jr. *s* 393 Temple st.
Gillespie, J. S., 1 *m* 126 Wall st.
Gillespie, W. F., So. *a* 139 F.
Gillet, L. A., Jr. *s* 96 Wall st.
Gillett, P. L., Jr. *d* 34 E. D.
Gillett, R. H., Fr. *s* 331 Temple st.
Gillette, G. W. F., *g* 9 Eld st.
Gilman, S., Jr. *a* 60 V
Gilmore, S. A., Jr. *a* 231 D
Gilpatrick, R. H., Fr. *a* 157 F.
Gilson, J. L., Jr. *a* 77 Olive st.
Gladding, F. W., So. *a* 1010 Chapel st.
Glaenzer, R. B., Sr. *a* 238 D.
Gleason, A. H., Fr. *a* 559 P.
Gleason, C. J., So. *a* 19 Sylvan av.
Gleason, J. E., So. *a* 1010 Chapel st.
Glendinning, M., Jr. *a* 57 V.
Glenny, L. C., Fr. *s* 133 College st.
Godchaux, E., Sr. *l* 125 High st.
Godchaux, W., Sr. *a* 35 V.
Goldsmith, O., Sr. *a* 312 W.
Gooch, F. A., Prof. (Kent Lab.) 169 Edwards st.
Goodell, T. D., Prof. 284 Orange st.
Goodman, C. E., Sr. *a* 372 WH.
Goodman, J. H., Jr. *s* 11 Home pl.
Goodman, R. J., Mid. *l* 427 Temple st.
Goodwin, A. S., So. *a* 326 W.
Goodwin, B., Jr. *s* 114 High st.
Goodwin, C. A., Sr. *a* 9 V.
Goodyear, A. C., Jr. *a* 306 W.
Gordon, C. R., Fr. *s* 110 Wall st.
Gorham, F. A., Jr. *a* 295 W.
Gorham, N. T., Mid. *l* 510 Winthrop av.
Goss, H. E., So. *a* 137 F.
Gould, M. P., So. *a* 333 York st.
Gould, R. H., Sr. *a* 373 WH.
Goulding, P. S., Sr. *a* 83 S. M.
Grace, P. W., Jr. *s* 96 Wall st.
Graeber, L. F., *mus.* Meriden
Graff, R. M., Jr. *s* 1 Hillhouse av.
Grant, E. J., Jr. *s* 313 York st.
Grant, J. F., Sr. *s* 141 College st.
Grant, R. F., Jr. *s* 1 Hillhouse av.
Granville, W. A., Instr. (46 N. S. H.) 487 Orange st.
Graves, A. H., So. *a* 120 High st.
Graves, G. D., Jr. *a* 147 F.
Gray, H., Fr. *s* 38 Mansfield st.
Gray, H. L., Jr. *s* 125 High st.

Gray, H. S., Fr. *a* 289 George st.
Grece, P. W., Sr. *a* 81 S. M.
Green, Geo., So. *a* 116 W. D.
Green, Gervase, Ass't. 136 Sherman av.
Green, C., Fr. *a* 223 York st.
Greene, C. A.. Jr. *a* 98 N.
Greene, E. B., So. *a* 567 P.
Greene, E. C., So. *a* 1010 Chapel st.
Greene, J. W., Jr. *a* 92 S. M.
Greene, L. F., Jr. *a* 1044 Chapel st.
Greenhalgh, G. P., Fr. *a* 545 P.
Greenleaf, J. C., Jr. *s* 133 College st.
Greenway, G. C., Sr. *s* 131 Grove st.
Greenway, J. C., So. *a* 225 D.
Gregory, H. E., Ass't. 55 N. S. H.
Gregory, J. L., *g* 147 College st.
Gregory, W. S., Jr. *s* 36 Elm st.
Gridley, J. S., *mus.* Southington
Griffin, N. L., 2 *m* 19 Sylvan av.
Griggs, A., *mus.* 99 Edgewood av.
Grimm, E. E., Mid. *l* 1044 Chapel st.
Grippin, W. J., Spec. *l* 117 Wall st.
Griswold, M., *g* A.
Griswold, W. E. S., Jr. *a* 380 WH.
Gross, C. W., Sr. *a* 63 V.
Grosvenor, J. P., Fr. *a* 270 Crown st.
Groves, M., Jr. *a* 22 College st.
Gruener, G., Prof. (276 L.)
522 Howard av.
Gruener, H. R., Ass't. (LIBR.)
522 Howard av.
Gude, A. V., Fr. *s* 61 Grove st.
Guggenheimer, H. R., Jr. *a* 252 L.
Guilford, D., Jr. *s* 135 College st.
Guilshan, J. J., Sr. *m* 159 York st.
Gurney, S., 1 *m* Bridgeport
Guthrie, G., *g* 80 Broadway
Guthrie, K. O., Jr. *a* 212 D.
Hackett, H. H., So. *a* 537 P.
Hadley, A. T., Prof. 93 Whitney av.
Haesche, W. E., *mus.* 246 Atwater st.
Haigazian, A. H., Grad. *d* 22 E. D.
Haigh, A. W., Jr. *l* 107 W. D.
Haight, F. R., Fr. *a* 410 Winthrop av.
Hale, E., Sr. *a* 49 V.
Hale, F. E., So. *a* 130 F.
Hale, P. T. W., Fr. *s* Portland
Hale, W. B., Sr. *a* 40 V.
Hall, A. B., Jr. *a* 379 WH.
Hall, A. M., Grad. *d* 8 E. D.
Hall, C. M., Jr. *s* 133 College st.
Hall, F. G., Spec. *s* 210 St. Ronan st.
Hall, F. J., Jr. *a* 250 L.
Hall, G. R., Jr. *s* 43 College st.
Hall, J. A., *g* 38 Lynwood st
Hall, L. W., Sr. *s* 1 Hillhouse av.
Hall, R. E. B., Fr. *a* 121 Sherman av.
Hall, T. H., Jr. *s* 111 Grove st.
Hall, W. E., Fr. *s* 397 Temple st.
Hallock, A. D., *f* Bridgeport
Hallock, C. G., Jr. *l* 567 Howard av.
Hamill, P. W., Sr. *a* 178 LYC.
Hamilton, B., Jr. *s* 313 York st.
Hamilton, J. A., Sr. *a* 16 V.
Hamilton, T., Sr. *a* 57 V.
Hamilton, W. F., Fr. *a*
131 Washington st.
Hamlin, Alfred S., Sr. *s* 48 Pearl st.
Hamlin, Arthur S., Jr. *a* 356 WH.
Hamlin, E. F., 2 *m* 391 Crown st.
Hamlin, W. R., So. *a* 143 F.
Hammer, J. H., *f* Branford
Hanford, G. A., Sr. *a* 413 B.
Hankey, P. Z., Ass't.
(32 Law School) 58 W. D.
Hanna, H. M., Fr. *s* 333 York st.
Hannon, W. S., Jr. *a* 36 V.
Harding, W. H., So. *a* 287 York st.
Harger, J. C., Ass't.
(Libr.) 14 University pl.
Harkness, R. B., Jr. *l* 118 College st.
Harmar, J., *g* A.
Harriman, C. H., Jr. *l* Branford
Harris, E. I., *g* 132 College st.
Harris, F. G., Fr. *a* 597 P.
Harris, S., Prof.
(1 E. D.) 144 College st.
Harrison, A. C., Sr. *a* 376 WH.
Harrison, B. E., *f* Wallingford
Harrison, F. B., Jr. *s* 83 Grove st.
Harström, C. A., *g* Norwalk
Hart, C. G., Jr. *s* 143 College st.
Hart, J. H., Sr. *a* 9 Library st.
Hartman, W. T., Fr. *s* 427 Temple st.
Hartshorn, W. M., Sr. *a* 264 L.
Hartwell, J. B., So. *a* 412 B.
Harvey, B. S., Sr. *s* 90 Wall st.
Harvey, M. C., Jr. *a* 51 V.
Haskell, W., Sup't. (Reading Room)
96 Dwight st.
Hastings, C. S., Prof. (120 WINCH.)
248 Bradley st.
Hastings, H., Sr. *s* 91 Lyon st.
Hastings, W. S., Fr. *a* 556 P.
Hatch, H. A., Sr. *a* 55 V.
Hathaway, C. M., Jr. *a* 172 F.
Hausberg, E., Fr. *a* 313 York st.
Havemeyer, F. C., So. *a* 22 College st.
Havens, F. S., Ass't. (Kent Lab.)
427 Temple st.

Hawes, J. D., Jr. *a* 50 V.
Hawkes, H. E., Instr. 4 Univ. pl.
Hawkins, C. B., So. *a* 146 College st.
Hawkins, C. J., Mid. *d* 81 W. D.
Hawkins, R. H., Fr. *s* 110 Wall st.
Hawley, E. R., *mus.* Huntington
Hawley, S. M., Jr. *a* 331 WH.
Hay, A. S., Sr. *a* 5 V.
Hay, C. E., Jr. *a* 333 WH.
Hayes, A. P., Sr. *a* 83 S. M.
Hayes, G. H., Jr. *l* 90 Whalley av.
Hayes, P. H., So. *a* 408 B.
Hazard, J. G., Jr. *s* 110 Wall st.
Hazel, C. D., Res. Lic. *d* Ansonia
Hazen, J. J., Sr. *a* 226 D.
Hazlewood, C. W., *g* 83 Grove st.
Healy, H. W., Fr. *a* 250 York st.
Heaton, H., So. *a* 333 York st.
Hebard, D. L., Sr. *a* 159 Elm st.
Heberlein, F. W., Sr. *d* 80 W. D.
Hecker, F. C., Jr. *a* 232 D.
Hecker, G. E., Jr. *a* 232 D.
Hedge, L. C., So. *a* 269 L.
Hedges, G. L., Sr. *l* 117 Wall st.
Heermance, E. L., *g* 83 Wall st.
Heermance, T. W., Tutor 83 Wall st.
Heery, F. P., Sr. *m* 80 Hamilton st.
Hefferan, T. W., So. *a* 287 York st.
Heinz, H. C., So. *a* 22 College st.
Heitmann, A. C., Fr. *s* W. Haven
Heller, E. W., Fr. *s* 425 Temple st.
Hemenway, L. E., Fr. *a* 150 College st.
Henderson, I., Jr. *a* 110 N.
Henderson, J. M., Jr. *s7* Library st.
Henderson, Y., *g* 80 Sachem st.
Hendrick, C. B., *mus.* 62 Clark st.
Hennessey, J. F. J., Sr. *a* 641 State st.
Henry, B., So. *a* 22 College st.
Henry, J. P., Jr. *a* 204 D.
Henry, W. L., *g* 26 Gill st.
Henze, C. W., 2 *m* 131 West st.
Herr, H. T., Jr., *s* 103 Wall st.
Herrick, C. J., Jr. *a* 405 B.
Hess, J., Sr. *s* 36 Elm st.
Hess, W. M., *g* 67 W. D.
Hetrick, H. S., Fr. *a* 47 Lake pl.
Hewitt, J. J., *g* 65 Dixwell av.
Hewitt, T. D., Jr. *a* 358 WH.
Hewitt, W. H. H., Jr. *l* 65 Dixwell av.
Hickey, T. F., Jr. *l* 136 College st.
Hickok, C. N., Fr. *s* 411 Temple st.
Higgins, G. S., 1 *m* 142 York st.
Higgins, J. J., Sr. *a* 569 Grand av.
Higgins, W. M., 1 *m* 404 Crown st.
Hildreth, H. F., Jr. *l* 343 George st.
Hill, E. B., So. *a* 541 P.
Hill, E. L., 2 *m* 19 Sylvan av.
Hill, L., *f* 208 Canner st.
Hill, R. F., Jr. *l* 102 Park st.
Hill, W. S., Fr. *s* 387 Temple st.
Hilliard, W. E., Jr. *a* 59 Lake pl.
Hills, W. B., So. *a* 205 Crown st.
Hilton, R. H., Fr. *a* 313 York st.
Hinckley, G. L., So. *a* 279 L.
Hincks, H. W., Sr. *a* 63 V.
Hine, A. H., Sr. *m* 121 York st.
Hine, C. P., Sr. *a* 202 D.
Hine, L. J., *mus.* 587 State st.
Hinkle, E. F., Jr. *a* 289 W.
Hinman, G. E., Mid. *l* 18 Edwards st.
Hinsdale, F. G., Sr. *a* 42 V.
Hirsh, A. M., Fr. *a* 1044 Chapel st.
Hirth, A. C., Fr. *a* 120 High st.
Hitchcock, C. M., *g* 34 Hillhouse av.
Hitchcock, J. L., *g* 371 Crown st.
Hitchcock, L., Sr. *a* 6 V.
Hitt, R. R., Sr. *a* 5 V.
Hitt, W. R., Fr. *a* 170 York st.
Hixon, R. B., Fr. *a* 313 W.
Hochstadter, L. A., So. *a* 22 College st.
Hodge, W. C., Jr. *a* 255 L.
Hoffman, C. A. T., Jr. *d* 43 E. D.
Hogan, W. J., Sr. *m* 1098 Chapel st.
Hogle, J. A., Jr. *s* 111 Grove st.
Holbrook, M. T., Jr. *a* 113 N.
Holbrook, R. T., Tutor 170 F.
Holden, F. A., *g* 78 Dixwell av.
Holden, F. P., Fr. *s* Meriden
Holland, J. A., Fr. *s* 421 Temple st.
Holland, N. C., Jr. *a* 19 V.
Hollister, H. H., Jr. *a* 234 D.
Holme, P. H., Sr. *a* 354 WH.
Holmes, J. A., Mid. *d* 110 W. D.
Holmes, L. S., Fr. *a* 1136 Chapel st.
Holt, S., Jr. *a* 402 B.
Hooker, D. R., Jr. *a* 350 WH.
Hooker, F. T., *g* 402 Crown st.
Hooker, R., Jr. *a* 235 D.
Hopkins, E. W., Prof. 235 Bishop st.
Hopkins, H. L., Sr. *d* 32 E. D.
Hopkins, J. M., So. *a* 279 L.
Hopkins, T. G., Jr. *a* 242 L.
Hoppin, J. M., Prof. (12 Art School) 47 Hillhouse av.
Hoppin, W. W., Fr. *a* 203 York st.
Hopton, L. R., Ass't. 13 Lake pl.
Hord, J. H., Fr. *a* 217 York st.
Horton, T. A., Jr. *a* 550 P.

Hosea, G. S., Fr. *s* 391 Temple st.
Hosley, R. M., Fr. *s* 20 Clark st.
Hosmer, R. C., Fr. *s* 119 Wall st.
Hotchkiss, F. E., Sup't. (4 Phelps) 104 High st.
Hotchkiss, H. S., Fr. *s* 55 Hillhouse av.
Hotze, F., Jr. *a* 147 F.
House, E. J., Fr. *s* 124 Wall st.
Howard, J. L., Sr. *s* 133 College st.
Howard, N. A., Jr. *s* 96 Wall st.
Howard, R. R., Sr. *s* 103 Wall st.
Howarth, H. A. S., Jr. *s* 34 Vernon st.
Howe, E., Sr. *a* 39 V.
Howe, W. B., Fr. *a* 1076 Chapel st.
Howe, W. D., Fr. *a* 159 Elm st.
Howell, H. R., So. *a* 82 S. M.
Howell, T. A., So. *a* 271 L.
Howes, C. H., So. *a* 305 George st.
Howes, E. T., Sr. *s* 133 College st.
Hoysradt, W., Fr. *a* 1076 Chapel st.
Hoyt, S. E., Jr. *l* 309 Howard av.
Hubbard, C. D., *f* Guilford
Hubbard, D. W., Fr. *s* 147 College st.
Hubbard, L. E., Jr. *l* Meriden
Hubbard, W. B., Fr. *s* 40 Lake pl.
Hubbell, C. E., *f* 71 Orange st.
Hubbell, G. W., So. *a* 273 L.
Hughes, F. G., Fr. *s* Southport
Hughes, R., Sr. *d* 35 E. D.
Hulbert, G. H., Sr. *s* 61 Grove st.
Hulbert, R., Sr. *m* 159 York st.
Hulseberg, F. W., Sr. *m* 333 York st.
Hulst, C. P., So. *a* 60 W. D.
Hulst, H. T., Sr. *s* 135 College st.
Hume, R. E., Sr. *a* 260 L.
Hume, R. S., Sr. *a* 10 V.
Humphreys, F. B., Jr. *s* 133 College st.
Humphreys, G. H., Sr. *s* 133 College st.
Humphreys, G. W., Jr. *a* 113 N.
Hungerford, H. E., Sr. *m* 249 Crown st.
Hunker, J. B. M., Jr. *s* 99 Wall st.
Hunn, F. S., Jr. *s* 91 George st.
Hunt, A., *g* 83 Grove st.
Hunt, H. T., So. *a* 227 D.
Hunt, W. S., Fr. *a* 333 York st.
Hurst, J. H., Sr. *m* 1153 Chapel st.
Huselton, N. R., Fr. *s* 391 Temple st.
Hutchins, A. E., Ass't. LIBR.
Hutchins, G. P., Jr. *a* 228 D.
Hutchins, W. H., Fr. *a* 137 Wall st.
Hutchinson, A. H., *g* 305 George st.
Hutchinson, E. L. H., Fr. *a* 289 George st.
Hutchinson, R. E., So. *a* 75 S. M.
Hutton, F. L., Jr. *l* 126 Wall st.
Huxford, F. W., Sr. *a* 336 WH.
Hynes, T. V., 2 *m* S. Meriden
Hynson, G. P., *f* 383 George st.
Hynson, M. L., *mus.* Woodmont
Iddings, L. L., *g* Orange
Ingersoll, J. W. D., Ass't. Prof. 399 B.
Ingham, C. S., Instr. 102 N.
Ingham, H. M., *g* 117 Wall st.
Ingraham, E. R., Sr. *s* 103 Wall st.
Inman, J. H., Fr. *s* 114 High st.
Ireland, J. D., Fr. *s* 411 Temple st.
Irwin, W. P., Fr. *s* 124 Wall st.
Isbell, E. L., Jr. *l* 399 Whalley av.
Ives, C. E., Sr. *a* 76 S. M.
Ives, E. L., Fr. *s* 99 Wall st.
Ives, H. C., Sr. *s* 625 George st.
Ives, J. W., 2 *m* 88 Park st.
Jack, A. F., So. *a* 64 W. D.
Jackson, F. S., Mid. *l* 526 P.
Jackson, H. C., Ass't. 36 Elm st.
Jackson, S. W., Sr. *a* 10 V.
Jackson, W. P., Sr. *a* 353 WH.
Jahn, C. G., Jr. *a* 252 L.
James, T. M., Sr. *a* 334 WH.
Jaques, L. T., Fr. *s* 104 Wall st.
Jaquith, C. A., Mid. *d* 90 W. D.
Jarvis, W. S., Fr. *a* 22 College st.
Jay, J., Sr. *a* 178 LYC.
Jeffery, J. C., Jr. *s* 101 Wall st.
Jeffrey, F. M., *g* 104 Park st.
Jelke, W. F., Sr. *s* 116 High st.
Jenkins, H., So. *a* 285 York st.
Jenney, H. R., So. *a* 563 P.
Jennings, C. E., Grad. *d* S. Norwalk
Jennings, D. C., So. *a* 160 F.
Jente, W. J. E., *g* 97 Bristol st.
Jepson, H. B., Instr. 52 Howe st.
Johnson, B., So. *a* 584 P.
Johnson, C. W. L., Instr. 44 High st.
Johnson, F. B., *g* A.
Johnson, G. A., Ass't. (LIBR.) 6 Baldwin pl.
Johnson, G. R., Fr. *s* 119 Wall st.
Johnson, H. O., So. *a* 119 Wall st.
Johnson, J. E., Sr. *a* 122 N.
Johnson, L., Sr. *a* 37 V.
Johnson, O. M., So. *a* 548 P.
Johnson, P. A., Grad. *d* 17 E. D.
Johnson, P. B. A., Fr. *a* 560 P.
Johnson, S. W., Prof. 54 Trumbull st.
Johnson, T. B., Sr. *s* 60 Grove st.

Johnson, W. B., Sr. *a* 352 WH.
Johnson, W. Savage, So. *a* 79 Wall st.
Johnson, W. Smythe, *g* 47 Lake pl.
Johnson, W. Sterling, Jr. *a* 66 V.
Johnston, J. H., Jr. *s* 114 High st.
Jones, A. C., Mid. *d* 84 William st.
Jones, A. de T., Jr. *s* 117 Wall st.
Jones, A. E., Jr. *a* 89 S. M.
Jones, A. H., Sr. *l* 125 High st.
Jones, C., So. *a* 47 Lake pl.
Jones, C. C., Sr. *a* 202 D.
Jones, C. H., Fr. *a* 313 York st.
Jones, E. C., *g* 84 William st.
Jones, E. L., Fr. *a.* 250 York st.
Jones, E. O., Jr. *a* 253 L.
Jones, L. C., Ass't. (Kent Lab.) 1010 Chapel st.
Jordan, C. E., Jr. *a* 1090 Chapel st.
Jordan, M. C., *f* 233 Orchard st.
Jourdan, F. M., Jr. *s* 163 York st.
Joy, J. W., Fr. *a* 391 George st.
Judd, A. F., Jr. *l* 343 George st.
Judd, A. W., Fr. *a* 224 D.
Judd, E. P., Mid. *l* 63 Olive st.
Judd, H. P., Fr. *a* 224 D.
Judson, J. R., Sr. *a* 219 D.
Julin, C. E., Jr. *a* 128 N.
Jump, H. A., Mid. *d* 44 E. D.
Kaime, R. D., Fr. *s* 101 Wall st.
Kawabe, J., Jr. *d* 46 E. D.
Keach, J. E., So. *a* 421 B.
Keane, W. C., Mid. *l* 121 Putnam st.
Kearny, T., Jr. *a* 270 L.
Kedzie, A. S., *g* 58 Park st.
Keeler, R. B., Sr. *s* 261 Orange st.
Keener, R. H., Jr. *a* 366 WH.
Keeney, R. G., So. *a* 381 WH.
Keep, A., Fr. *a* 155 Elm st.
Keller, A. G., *g* 598 P.
Kelley, P. D., Sr. *s* 130 Wall st.
Kelley, W. R., Jr. *a* 309 W.
Kellogg, C. A., So. *a* 114 N.
Kellogg, C. W., Ass't. 144 Dwight st.
Kellogg, D. M., So. *a* 155 Elm st.
Kellogg, F. S., Fr. *a* 192 York st.
Kellogg, G. D., Proctor 90 S. M.
Kellogg, J., Jr. *s* 119 Wall st.
Kellogg, L. D., Sr. *a* 316 W.
Kellogg, L. L., Fr. *a* 58 V.
Kellogg, M., Jr. *a* 58 V.
Kelly, T., Fr. *s* 333 York st.
Kelsey, E. R., Jr. *l* 45 William st.
Kempner, D., Jr. *l* 388 Howard av.
Kendall, E. G., *g* 62 Lake pl.
Kendall, J. M., *g* 62 Lake pl.
Kenna, W. M., Ass't. 129 Olive st.
Kennedy, F., So. *a* 297 Crown st.
Kennedy, S., Fr. *s* Derby
Kennedy, S. R., Sr. *a* 368 WH.
Kennett, F. J., Fr. *s* 110 Wall st.
Kenney, T. L., Fr. *a* 14 Whalley av.
Kent, N. A., *g* 593 P.
Keppelman, J. A., Fr. *a* 1076 Chapel st.
Kernan, G. A., Jr. *a* 322 W.
Kernochan, F., Sr. *a* 12 V.
Ketchum, E. P., Sr. *a* 384 B.
Kidder, H. W., Jr. *a* 28 E. D.
Kiefer, P. C., Fr. *a* 231 York st.
Kilker, M. A., Grad. *l* 82 Whalley av.
Killen, A. H., Fr. *a* 146 Dixwell av.
Kimball, J. C., Fr. *a* 226 York st.
Kindle, E. M., *g* 347 York st.
King, E. B., Sr. *a* 376 WH.
King, F. A., Jr. *a* 266 L.
King, H. W., Fr. *a* 363 WH.
King, J. M., *f.* Branford
King, P. R., Sr. *s* 107 Wall st.
Kingman, A. E., Fr. *a* 419 Temple st.
Kingman, L. C., So. *a* 153 F.
Kingsbury, H. D., Jr. *a* 35 V.
Kingsley, R., Fr. *a* 416 B.
Kinney, F. J., Jr. *l* Branford
Kip, G. B., Fr. *a* 543 P.
Kirby, R. S., *g* 317 Crown st.
Kirtland, A. H., Jr. *a* 134 College st.
Kitchel, C. L., Instr. 22 Lincoln st.
Kitchen, J. H., Jr. *a* 212 D.
Kittle, A. L., So. *a* 542 P.
Kloss, C. F., *g* 62 Lake pl.
Klosterman, J. H., So. *a* 129 F.
Knapp, E. S., Fr. *a* 238 York st.
Knapp, H. H., Lecturer Bridgeport
Knight, E. J., Sr. *a* 311 W.
Knight, F. A., Spec. *s* 120 High st.
Knight, H. S., *mus.* 37 Pearl st.
Knight, S. P., Jr. *a* 221 D.
Knight, W. W., Jr. *s* 22 College st.
Knowlton, E. B., Fr. *s* 110 Wall st.
Knox, I. G., So. *a* 537 P.
Kodera, K., Jr. *l* 438 Elm st.
Koehler, J. H., Sr. *a* 157 York st.
Koenig, J. A., Jr. *l* 87 Olive st.
Kountze, W. D., Jr. *a* 46 V.
Kowalewski, V. A., Jr. *a* 86 2d st.
Kraft, R. P., Jr. *s* 210 Orchard st.
Kraft, W. J., *mus.* Bristol
Krause, E. C., 1 *m* 26 Ward st.
Kreider, D. A., Instr. (Sloane Lab.) 505 Elm st.

Krementz, R., Sr. *s* 36 Elm st.
Kugal, S. H., Jr. *l* 92 Broad st.
Kumler, P., So. *a* 565 P.
Kuruhara, K., Grad. *l* 150 College st.
Lacroix, M., *g* 131 Dwight st.
Ladd, G. T., Prof. (275 L.) 204 Prospect st.
LaField, H., *g* A.
Lamb, C. S., Ass't. 10 Park st.
Lamb, R. S., Jr. *s* 36 Elm st.
Lambert, H., *mus.* 43 Whalley av.
Landers, C. S., Fr. *s* 124 Park st.
Lane, H. A., 2 *m* 1098 Chapel st.
Lane, W. R., Jr. *l* 130 Howe st.
Lang, H. R., Prof. (244 L.) 331 Temple st.
Langley, C., Jr. *s* 229 Blatchley av.
Langzettel, G. H., Ass't. (Art School) 725 Whitney av.
LaPierre, L. F., 1 *m.* 123 York st.
Larson, J., *g* 149 St. John st.
Lathrop, W. G., Res. Lic. *d* North Haven
Latimer, F. P., *g* 41 E. D.
Lauder, G., Fr. *s* 425 Temple st.
Lawrence, D. B., Fr. *a* 238 York st.
Lawrence, T. F., Jr. *a* 305 W.
Lawson, H. M., Grad. *d* 92 Park st.
Lay, E. H., *g* A.
Lay, W. S., 1 *m* 560 Winthrop av.
Leahy, D. T., Sr. *a* 54 V.
Learned, E., Jr. *a* 222 D.
Leary, T. A., So. *a* 62 W. D.
Leavitt, A. D., So. *a* 87 S. M.
LeBoutillier, T., Spec. *s* 391 Temple st.
Ledyard, A. C., Sr. *a* 378 WH.
Lee, E., Fr. *a* 168 York st.
Lee, T. H., Jr. *a* 70 Edgewood av.
Lee, W. C., Jr. *a* 231 D.
Leeds, A. R., Fr. *s* 143 College st.
Leeds, E. F., Sr. *s* 43 College st.
Leffingwell, R. C., Jr. *a* 324 W.
Lehlbach, F. A., Sr. *a* 316 W.
Leidigh, P. J., Fr. *a* 237 York st.
Lenfest, B. A., *g* 82 Dickerman st.
Leonard, C. P., Jr. *a* 88 S. M.
Leonard, F. M., Jr. *a* 128 High st.
Lessig, O. B., Jr. *a* 286 W.
Letcher, W. R., Sr. *a* 154 F.
Letton, H. W., Sr. *s* 131 Grove st.
LeVally, N. W., Fr. *a* 120 College st.
Leverone, J. E., Jr. *l* 150 College st.
Levey, C. B., Fr. *s* 411 Temple st.
Levy, L. S., Sr. *a* 241 L.
Levy, S. S., So. *a* 241 L.
Lewis, A. I., Sr. *a* 374 WH.
Lewis, B. W., Fr. *a* 250 York st.
Lewis, C. M., Instr. 213 D.
Lewis, E. C., Fr. *a* 9 Library st.
Lewis, E. H., Jr. *a* 395 B.
Lewis, E. S., Jr. *s* 96 Wall st.
Lewis, E. T., Jr. *a* 228 D.
Lewis, N. F., Fr. *s* 438 George st.
Lewisohn, W., Fr. *s* 110 Wall st.
Lindenberg, F. H., Jr. *s* 126 Wall st.
Lindenberg, O. H., Jr. *s* 22 College st.
Lindenberger, E. H., Fr. *a* 250 York st.
Lindley, A. F., 1 *m* 1161 Chapel st.
Lindsley, C. A., Prof. 15 Elm st.
Lindsley, V., Sr. *a* 48 V.
Linsly, W. W., Fr. *a* 571 P.
Linthicum, P. H., Fr. *a* 311 York st.
Lippincott, K. D., So. *a* 73 S. M.
Littell, C. H., Fr. *s* 99 Wall st.
Livermore, J. R., Sr. *a* 33 V.
Lloyd, C. R., Jr. *s* 111 Grove st.
Lobdell, V. P., So. *a* 396 B.
Locke, J., Instr. 317 Crown st.
Lockett, O., Jr., *a* 45 V.
Lockman, F. I., So. *a* 538 P.
Lockman, J. Q., Sr. *a* 345 WH.
Lockwood, C. D., Fr. *s* 141 College st.
Lockwood, E. H., Instr. 55 Prospect st.
Lockwood, H. D., 1 *m* Bridgeport
Lockwood, L. E., *g* 78 Dwight st.
Lockwood, S. O., Fr. *s* 113 Wall st.
Loeb, J. A., 1 *m* 200 Franklin st.
Loewi, O., Sr. *a* 1 V.
Logan, H., So. *a* 100 W. D.
Lombard, J. P., So. *a* 22 College st.
Lombardi, M. E., So. *a* 554 P.
Long, J. M., So. *a* 205 D.
Loomis, H. L., Fr. *s* 110 Wall st.
Loomis, J. L., Fr. *a* 120 High st.
Loomis, J. S., Sr. *m* 333 York st.
Loomis, R. P., Jr. *a* 240 D.
Lord, F. A., Sr. *a* 101 N.
Lorillard, L. L., Sr. *s* 133 College st.
Lounsberry, A. E., Fr. *a* 33 Wall st.
Lounsbury, T. R., Prof. A.
Loveland, L. I., *g* 83 Park st.
Lovell, A., *g* A.
Lovell, A. W., Jr. *a* 30 Grove st.
Lovell, G., So. *a* 140 F.
Lovell, G. B., Fr. *a* 30 Grove st.
Lovewell, B. E., *g* 21 Lynwood st.
Lowe, W. I., Instr. 238 Whalley av.

Lowndes, L., Grad. *l* 83 Elm st.
Lowndes, W. B., Jr. *s* 119 Wall st.
Lowrie, A. R., Jr. *a* 222 D.
Luce, C. F., So. *a* 214 D.
Luckey, F. R., *g* 191 Bradley st.
Ludington, N. A., 1 *m* 238 Grand av.
Luquiens, F. B., Instr. 201 Bishop st.
Luquiens, J., Prof.
(133 F.) 201 Bishop st.
Lusk, G., Prof.
(28 Med. School) 28 Elm st.
Lyman, E. W., Mid. *d* 27 E. D.
Lyman, H. W., So. *a* 153 F.
Lyman, J. B., Jr. *d* 39 E. D.
Lynch, E. W., Sr. *l* 20 Baldwin st.
Lynch, F. M., Jr. *l* 71 W. D.
Lynch, L. A., Jr. *a* 106 W. D.
Lyon, G. A., So. *a* 22 College st.
Lyons, H. C., *f* 1157 Chapel st.
Lyons, I. L., Fr. *s* 395 Temple st.
Lyons, J. J., Sr. *s* 61 Grove st.
Mabee, G. J. W., Jr. *s* 96 Wall st.
McAllister, C. N., *g* 33 Lake pl.
McAllister, F. B., Mid. *d* 104 W. D.
McAuley, H. S., Fr. *a* 535 P.
McBride, M. L., So. *a* 568 P.
McCabe, E. M., Ass't. 224 Orange st.
McCain, S. H., Jr. *l* 373 Crown st.
McCamic, C., Jr. *l* 10 Howe st.
McCandless, T., So. *a* 20 Clark st.
McCann, W. G., Jr. *d* 110 Gilbert av.
McCarthy, A. J., Jr. *a* 227 Crown st.
McCarthy, D. J., Sr. *a* 119 N.
McCartin, G. S., So. *a* 401 B.
McClave, F. C., Mid. *d* 21 E. D.
McClave, R. L., Mid. *l* 21 E.D.
McConnell, W. J., Mid. *l*
1044 Chapel st.
McCord, C. C., Fr. *s* 413 Temple st.
McCord, D., Fr. *a* 313 York st.
McCord, W. P., Fr. *s* 313 York st.
McCormac, E. I., *g* 47 Lake pl.
McCormick, J. M., So. *a* 22 College st.
McCormick, R., So. *a* 22 College st.
McCormick, R. H., So. *a* 382 WH.
McCrea, F. A., Sr. *s* 96 Wall st.
McCreath, A. S., Fr. *a* 1142 Chapel st.
McCullough, E. A., Jr. *s* 22 College st.
McCurdy, P. R., Fr. *a* 217 York st.
McCutchen, W. M., So. *a* 163 F.
McDermott, H. E., 2 *m*
268 Orchard st.
McDermott, T. S., Sr. *m*
216 Congress av.
McDonald, J. F., Sr. *a* 106 N.
McDonnell, R. A., Instr.
1142 Chapel st.
MacDougall, L. S., Jr. *l* 333 York st.
McDuffee, F. E., Sr. *l* 1 Lynwood st.
McDuffee, L. H., So. *a* 46 College st.
McEwen, L. C., Sr. *s* Seymour
McFadon, R. B., Fr. *a*
Macfarland, C. S., Grad. *d* 23 E. D.
McFarland, J. S., Sr. *s* 119 Wall st.
McGee, R. A., Jr. *s* 133 College st.
McGouldrick, E. C., So. *a* 157 F.
McGraw, T. A., Sr. *a* 367 WH.
McGuire, W. T., 1 *m* 96 Sylvan av.
McIntosh, E. F., Grad. *m* 53 Lake pl.
McIntyre, J. E., Jr. *s* 170 Olive st.
McIver, D., Jr. *d* 108 W. D.
McIvor, J. G., Grad. *d* 118 W. D.
McKelvey, C. W., So. *a* 22 College st.
McKenzie, A. L., So. *a* 77 S. M.
Mackey, W. C. So. *a* 173 F.
McKone, J. J., Jr. *a* A.
MacLane, P. B., Jr. *l* 33 Howe st.
McLane, T. S., Sr. *a* 39 V.
McLaren, G. S , Mid. *l* 404 Crown st.
McLaren, J. L., Sr. *s* 113 Wall st.
McLauchlan, J. C., Sr. *a* 383 B.
McLaughlan, S., Sr. *l* 13 Pleasant st.
MacLean, A., So. *a* 333 York st.
McLean, C., Fr. *a* 219 York st.
MacMillin, M. M., Fr. *s*
210 Prospect st.
McMorris, H. W., Jr. *l* 102 Park st.
McNamee, D. V., Sr. *l* 59 Prospect st.
McNeille, J. R., *g* 484 Orange st.
McQuaid, P. A., Sr. *a* 1079 Chapel st.
McQueen, A. S., 2 *m* 11½ Park st.
Maddox, K., Jr. *l* 117 Wall st.
Maffitt, T. S., Jr. *a* 378 W.
Magee, J. M., Jr. *a* 325 W.
Maher, T. F., 1 *m* 133 Nash st.
Makepeace, F. B., Fr. *a* 111 N.
Makepeace, W. D., *g* 15 E. D.
Male, F. S., Sr. *a* 353 WH.
Malone, W. J., Jr. *l* 30 Hallock st.
Maloney, F. F., 1 *m* 1044 Chapel st.
Maloney, W. R., So. *a* 126 N.
Malony, W. P., So. *a* 1040 Chapel st.
Maltbie, W. M., Fr. *a* 94 S. M.
Maltby, E. R., *f* 23 Sylvan av.
Manierre, L., Fr. *a* 535 P.
Mann, A. S., Jr. *a* 262 L.
Manship, W. S., *g* S. Meriden
Manville, E. B., *mus.* 379 George st.
Mapes, F. H., Mid. *d* 51 E. D.
Marble, M. M., *g* 76 Howe st.

Marckwald, A. H., Fr. *a* 552 P.
Margosian, A. D., Sr. *m* 129 Howe st.
Mariani, N., Grad. *m* 921 Grand av.
Markoe, W. W., Sr. *m* 1179 Chapel st.
Maroney, W. J., 2 *m* 121 York st.
Marsh, E. S., *mus.* Bridgeport
Marsh, G. T., Sr. *a* 337 WH.
Marsh, O. C., Prof. (8 M.) 360 Prospect st.
Marshall, C. G., Jr. *d* 36 E. D.
Marshall, E. E., Jr. *s* 111 Grove st.
Marshall, S. A., Sr. *a* 80 S. M.
Marshall, W. C., Instr. (110 WINCH.) 472 Orange st.
Martin, R., Sr. *s* 133 College st.
Marty, A. M., Jr. *a* 320 W.
Marty, S. C., So. *a* 140 F.
Marvin, A. B., Jr. *a* 358 WH.
Mason, F. G., Fr. *a* 333 York st.
Mason, H., Jr. *a* 594 P.
Mason, J. S., Sr. *a* 30 V.
Mason, M., Fr. *a* 588 P.
Matsumoto, M., Ass't. 119 Park st.
May, G. A., Instr. GYMN.
Mayer, A. J., Jr. *a* 242 L.
Maynard, A. B., Fr. *s* 419 Temple st.
Mears, C. A., Grad. *l* 483 Orange st.
Medway, H. E., So. *a* 314 Crown st.
Meeks, E. V., Fr. *a* 110 Wall st.
Meigs, C. E., Mid. *l* 1044 Chapel st.
Meigs, W., Sr. *a* 7 V.
Mendel, L. B., Ass't. Prof. (63 B. L.) 22 Trumbull st.
Merrels, F. B., So. *a* 30 Pearl st.
Merriam, H. F., Fr. *s* 425 Temple st.
Merrill, C. E., Sr. *a* 14 V.
Merrill, P. M., Fr. *a* 547 P.
Merriman, M. H., Fr. *a* 281 L.
Merritt, A. K., Registrar (135 Elm st.) 267 L.
Metcalf, O. P., Sr. *a* 55 V.
Meyer, W. E., Fr. *a* 120 High st.
Michael, F. B., Jr. *l* 333 York st.
Milbank, D., So. *a* 557 P.
Miles, F. H., Jr. *s* 114 High st.
Miller, C. H., Sr. *s* 43 College st.
Miller, I. M., Fr. *s* 143 College st.
Miller, J. B., *g* 123 W. D.
Miller, J. W., So. *a* 254 York st.
Miller, O. L., Jr. *s* 109 Wall st.
Miller, R. B., So. *a* 1040 Chapel st.
Miller, R. H., *g* 133 Wall st.
Milliken, G. H., Sr. *s* 264 York st.
Milliken, S. M., Sr. *a* 55 V.
Mills, B., Jr. *a* 69 V.
Mills, J. L., Fr. *a* 120 York st.
Mills, M., So. *a* 280 L.
Mills, N. C., Fr. *a* 293 York st.
Minasian, M., Fr. *s* 368 Whalley av.
Minor, E. E., *g* 123 Columbus av.
Minor, W. E., So. *a* 22 College st.
Missirian, E. G., 1 *m* 168 Edgewood av.
Mitchell, G. H., Jr. *a* 290 W.
Mitchell, L., Jr. *s* 131 Grove st.
Mitchell, P. L., Fr. *a* 254 York st.
Mitchell, S. K., Sr. *a* 72 S. M.
Mittendorf, G. S., Jr. *a* 291 W.
Miura, K., Spec. *l* 119 Park st.
Mix, C. C., Mid. *l* 123 York st.
Mixter, W. G., Prof. (160 S. L.) 144 Edwards st.
Miyaki, I., Grad. *d* 46 E. D.
Miyaki, K., *f* 46 E. D.
Mohr, P. M., Fr. *a* 237 York st.
Monks, R., Fr. *s* 59 Wall st.
Monson, C., So. *a* 215 D.
Montague, N. T., Jr. *a* 237 D.
Montague, T. L., Fr. *s* 125 High st.
Montgomery, G. D., Sr. *a* 390 B.
Montgomery, H. L., Jr. *l* 343 George st.
Montgomery, P., Sr. *l* 221 Whitney av.
Moody, P. D., Fr. *a* 578 P.
Moody, R. O., Ass't. 1204 Chapel st.
Moody, W., So. *a* 22 College st.
Moon, S. G., Sr. *s* 131 Grove st.
Moor, D. Y., Mid. *d* 40 E. D.
Moore, B. B., Jr. *a* 303 W.
Moore, E. C., Jr. *a* 314 Crown st.
Moore, G. C., Sr. *a* 119 N.
Moore, H., So. *a* 546 P.
Moore, J. K., Sr. *d* 87 W. D.
Moore, J. L., So. *a* 126 N.
Moore, W. B., Jr. *s* 13 E. D.
Moré, J. O., Sr. *l* 65 W. D.
Morey, J. H., Jr. *a* 255 L.
Morey, J. W., Fr. *s* 411 Temple st.
Morford, J. A., Jr. *l* Bridgeport
Morgan, H. M., Jr. *a* 32 V.
Morgan, W. C., Ass't. (Kent Lab.) 395 Temple st.
Morgan, W. G. D., Fr. *a* 168 York st.
Morley, F. H., Jr. *a* 394 B.
Morley, R. H., Fr. *a* 233 York st.
Morrell, J. G. D., Fr. *s* 22 College st.
Morrill, J. P., 1 *m* 121 York st.
Morris, C. S., Sr. *l* 408 Crown st.
Morris, E. P., Prof. 112 College st.

Morris, G., Sr. *a* 383 B.
Morris, R., Fr. *a* 536 P.
Morris, R. C., Instr. N. Y. City
Morrison, H., Jr. *s* 332 Temple st.
Morse, A. W., Jr. *s* 109 Wall st.
Morse, C. A., Grad. *l* 107 Edwards st.
Morse, W., Mid. *d* 2 E. D.
Morton, D. H., Fr. *a* 45 Lake pl.
Morton, S. B., So. *a* 114 N.
Moses, H. B., Jr. *s* 7 Library st.
Moses, H. L., So. *a* 423 Temple st.
Mott, A. J., *g* 263 Orange st.
Mott, R., Fr. *a* 1076 Chapel st.
Moulthrop, C. E., *mus.* W. Haven
Moulton, D. E., Instr. 343 George st.
Moulton, E. S., Ass't. 252 York st.
Mulford, T. W., Fr. *a* 237 York st.
Mullally, M., Sr. *a* 76 S. M.
Mullen, G. A., Sr. *a* 120 High st.
Munger, R. L., Jr. *l* Ansonia
Munger, W. R., Sr. *m* 305 George st.
Munsell, E. A., 1 *m* 178 Quinnipiac st.
Munson, C. L., Lecturer Williamsport, Pa.
Murdoch, W. M., Sr. *s* 99 Wall st.
Murphy, H. K., Jr. *a* 85 Sachem st.
Murphy, J. K., Sr. *s* 85 Sachem st.
Murray, A., Prof. 60 Trumbull st.
Murray, G. H., Fr. *s* 54 Garden st.
Murray, H. H., *g* A.
Murray, W. L., 1 *m* 321 Cedar st.
Mursick, W. W., Fr. *s* 1215 Chapel st.
Myers, G. H., Sr. *a* 56 V.
Myers, I. T., *g* 140 College st.
Nash, F., So. *a* 155 F.
Neal, E. W., *f* 47 Trumbull st.
Neal, H. C., Fr. *a* 1142 Chapel st.
Neal, R. C., Sr. *a* 3 V.
Neergaard, W. B., Jr. *a* 1079 Chapel st.
Nelson, W. H., So. *a* 126 High st.
Nettleton, G. H., *g* 528 P.
Neville, W. B., Jr. *a* 172 F.
Newcombe, A. C., So. *a* 1076 Chapel st.
Newell, D. K., Fr. *s* 110 Wall st.
Newmyer, T. D., Jr. *a* 1142 Chapel st.
Newport, R. M., Fr. *a* 591 P.
Nichols, E. L., *f* Branford
Nichols, H. D., *g* 131 High st.
Nichols, H. J., Jr. *a* 248 L.
Nichols, W. W., Instr. 203 Lawrence st.
Nicholson, E. K., *g* Bridgeport
Nicol, J. M., Jr. *d* 109 W. D.
Nicoll, M. E., *mus.* 86 Broadway
Niedecken, J. H., So. *a* 329 W.
Niemeyer, J. H., Prof. (8 Art School) 284 Orange st.
Nims, H. E., Sr. *a* 108 Dixwell av.
Nims, W. E., So. *a* 108 Dixwell av.
Nisbet, T. B., Fr. *s* 149 College st.
Nisewonder, J. D., Jr. *d* 20 E. D.
Noble, E. T., Jr. *a* 64 V.
Nolan, F. P., Fr. *s* Mt. Carmel
Nolan, F. W., Sr. *m* 65 Olive st.
Noon, T. W., *g* 37 Lynwood st.
Noone, T. F., Mid. *l* 1044 Chapel st.
Norman, H. R., Jr. *a* 88 S. M.
Norris, E., Sr. *a* 54 V.
North, H. A., Jr. *s* 113 Wall st.
North, J. S., *g* 313 York st.
Northrop, F. E., Mid. *l* 10 Pearl st.
Norton, B. V., Jr. *s* 1 Hillhouse av.
Norton, E. S., *f* Wallingford
Norton, J. P., Jr. *a* 248 L.
Norton, J. T., Sr. *a* 392 B.
Noyes, D. C., Fr. *a* 573 P.
Noyes, E. C., Sr. *a* 161 F.
Noyes, W., Jr. *a* 249 L.
Nugent, E. T., Jr. *s* 111 Grove st.
Oakley, L. C., Jr. *l* 103 Park st.
O'Brien, F. A., 1 *m* 128 High st.
O'Brien, T. A., Jr. *s* 230 Oak st.
O'Connell, T. G., Sr. *m* W. Haven
O'Donnell, E. E., Sr. *m* Ansonia
Oertel, H., Ass't. Prof. (2 Phelps) 31 York sq.
O'Fallon, H. L., Jr. *a* 24 V.
Oglebay, C., So. *a* 274 L.
Oille, J. D., Fr. *s* 40 Lake pl.
Okada, T., Grad. *l* 39 Lynwood st.
O'Keefe, W., Grad. *l* 102 Orange st.
Olcott, H. P., Fr. *a* 19 Sylvan av.
Olds, A. W., Jr. *s* 145 College st.
Oliver, G. S., Jr. *a* 346 WH.
Olmstead, G. K., Ass't. 26 Lynwood st.
Olmstead, H. B., Sr. *s* Branford
O'Loughlin, C. S., Jr. *a* 59 V.
O'Meara, E. P., Mid. *l* 21 Daggett st.
Ong, E. W., So. *a* 220 D.
Opitz, H. M., So. *a* 144 Park st.
Ordway, C. E., So. *a* 583 P.
Orwig, J. R., Spec. *l* 119 Park st.
Osborn, H. M., Bursar (1 Phelps) 406 Orange st.
Osborn, H. S., Fr. *a* 600 P.
Osborn, L. E., Clerk (3 S. H.) 406 Orange st

Osborne, O. T., Prof. 252 York st.
Osgood, A. J., Jr. *s* 747 George st.
Osgood, C. G., *g* 130 Howe st.
Otis, H. G., Jr. *a* 65 V.
Otis, N. D., Sr. *a* 219 D.
Otis, W. L., So. *a* 263 L.
Overlander, R. M., Sr. *a* 69 Church st.
Owen, W. H., *g* 24 High st.
Oyabe, J., Grad. *d* 33 E. D.
Packard, L. B., Jr. *a* 196 York st.
Packer, A. D., Fr. *a* 223 D.
Packer, W. S., Sr. *a* 385 B.
Paddock, B. W., So. *a* 22 College st.
Padelford, F. M., *g* 139 Dwight st.
Page, C. R., So. *a* 274 L.
Page, W. S., So. *a* 592 P.
Pallman, A. O., Mid. *l* 494 Winthrop av.
Palmer, A. H., Prof. A.
Palmer, A. R., Fr. *a* 7 Library st.
Palmer, C. K., Jr. *s* 111 Grove st.
Palmer, D. C., So. *a* 1076 Chapel st.
Palmer, E. A., Fr. *a* 165 York st.
Palmer, E. B., *mus.* 127 Whitney av.
Palmer, E. H., *g* 70 Howe st.
Palmer, H., Jr. *a* 230 D.
Palmer, J. C., Jr. *a* 306 W.
Palmer, R. S., So. *a* 1076 Chapel st.
Park, E. A., So. *a* 593 P.
Parker, B. W., Sr. *a* 336 WH.
Parker, C. F., Sr. *s* 150 Grove st.
Parker, C. J., Fr. *s* 409 Temple st.
Parker, F. J., Sr. *m* 1161 Chapel st.
Parker, G., Sr. *a* 178 LYC.
Parker, G. L., Jr. *d* 75 W. D.
Parker, H. W., Prof. (3 TR.) 162 Prospect st.
Parker, J. A., Fr. *a* 74 W. D.
Parker, M. K., Fr. *a* 250 Crown st.
Parker, W. H., Instr. 648 Elm st.
Parkhurst, H., Sr. *s* 88 Wall st.
Parks, F. R., Jr. *a* 236 D.
Parmelee, E. S., Jr. *a* 294 W.
Parmelee, H. F., *g* 28 Hillhouse av.
Parshall, M. C., Fr. *s* 99 Wall st.
Parsons, J. G., Fr. *s* 133 Wall st.
Parsons, R. W., Fr. *a* 120 York st.
Patterson, J. M., Fr. *a* 238 York st.
Patterson, R. M., So. *a* 22 College st.
Paxton, J. R., Sr. *a* 338 WH.
Payne, C. T., Sr. *a* 375 WH.
Payton, J. W., So. *a* 1016 Chapel st.
Peabody, H. E., Res. Lic. *d* 506 Howard av.
Pearce, G. H., Jr. *l* 383 George st.
Peck, D. E., Sr. *a* 377 WH.
Peck, H. B., Sr. *l* 297 Crown st.
Peck, L. A., So. *a* 86 S. M.
Peck, R. C., So. *a* 419 B.
Peck, R. E., Ass't. 486 Elm st.
Peck, T., Prof. 124 High st.
Peck, W., *f* 79 Humphrey st.
Peck, W. H., Sr. *a* 259 L.
Peck, W. S., Jr. *a* 296 W.
Pedley, H., Res. Lic. *d* 241 Sherman av.
Peix, C. H., Sr. *a* 16 V.
Pelton, C. A., Sr. *l* 117 Wall st.
Pelton, V., *f* Middletown
Pendleton, C. E., 1 *m* 373 Crown st.
Pendleton, F. D., So. *a* 293 York st.
Penfield, S. L., Prof. (2 M.) 60 Wall st.
Penney, R. E., Jr. *l* Southport
Pennington, M. E., *g* 42 Lake pl.
Penny, G. W., Fr. *s* 141 College st.
Penny, W. A., Fr. *a* 364 George st.
Perkins, E. C., Sr. *a* 53 V.
Perkins. J. L., Sr. *m* 293 York st.
Perrin, B., Prof. (136 F.) 463 Whitney av.
Perrin, H., *mus.* Hartford
Perry, A. S., Jr. *l* Southport
Perry, C. M., So. *a* 131 F.
Perry, G. B., Sr. *a* 168 F.
Perry, O. H., Jr. *s* 99 Wall st.
Perry, W. H., Fr. *a* 354 Whalley av.
Peter, J. J., Fr. *s* 110 Wall st.
Peters, J. D., So. *a* 129 F.
Peterson, S., Sr. *l* 55 Prospect st.
Pettee, L. G., Sr. *a* 107 N.
Phelps, C. A., Fr. *a* 282 L.
Phelps, C. D., Ass't. 472 Orange st.
Phelps, E. J., Prof. 269 Humphrey st.
Phelps, W. L., Ass't. Prof. (70 S. M.) 44 Trumbull st.
Philbrick, A. E., Sr. *s* 96 Wall st.
Phillips, A. V., Jr. *l* 389 Orange st.
Phillips, A. W., Prof. (90 High st.) 209 York st.
Phillips, F. E., 1 *m* 23 Dorman st.
Phillips, J. C., So. *a* 68 W. D.
Phinney, L. G. E., *mus.* 313 York st.
Pickett, E. S., Jr. *a* 140 Sylvan av.
Pickett, J. C., So. *a* 86 S. M.
Pickett, S. B., *mus.* Seymour
Pidgeon, E. R., So. *a* 380 George st.
Pierce, W. C., *g* 1179 Chapel st.
Pierpont, J., Ass't. Prof. 357 Howard av.

Pierson, C. W., Instr. N. Y. City
Pike, W. K., *g* A.
Pinney, I. E., Sr. *d* 18 E. D.
Pirritte, F. W., Ass't. 215 Orange st.
Pirsson, L. V., Prof. (2 M.) 137 Wall st.
Pitkin, W. R., Jr. *l* 82 Wall st.
Pittinger, H. H., Fr. *s* 128 High st.
Pitts, H. C., 2 *m* 91 W. D.
Platt, A. E., *f* W. Haven
Platt, F. N., Sr. *s* 19 Wall st.
Platt, H., Jr. *a* 297 W.
Platt, O. W., Jr. *a* 110 N.
Platt, R., Jr. *s* 39 College st.
Pomeroy, H. S., 1 *m* 159 York st.
Pond, M. A., Ass't. 57 Grove st.
Porter, F. C., Prof. (11 E. D.) 266 Bradley st.
Porter, H. H., Sr. *s* 107 Wall st.
Porter, J. S., Jr. *a* 293 W.
Porter, L. B., Sr. *m* 183 Portsea st.
Porter, P. R., Sr. *a* 321 W.
Porter, W. E., Spec. *s* 103 Wall st.
Porter, W. F., Sr. *a* 350 WH.
Post, A. S., Sr. *s* 133 College st.
Post, W., So. *a* 209 D.
Potter, C., Fr. *a* 250 York st.
Potter, H. W., Sr. *s* 96 Wall st.
Potter, P. S., Jr. *a* 245 L.
Pouch, E. D., Sr. *s* 133 Wall st.
Powell, A. W., Jr. *l* 45 Lake pl.
Powell, S. D., So. *a* 138 York st.
Powers, C. A., Jr. *a* 36 V.
Poynter, H. M., So. *a* 227 D.
Pratt, A. S., Sr. *l* 534 P.
Prentice, S. O., Instr. Hartford
Preston, H. L., Fr. *s* 409 Temple st.
Preston, O., Jr. *a* 61 V.
Prevey, C. E., *g* 366 Howard av.
Price, E. H., Sr. *d* 93 W. D.
Price, M. B., *g* 347 Crown st.
Prince, W. F., *g* 296 Columbus av.
Pritchard, W. S., Fr. *a* 250 Crown st.
Pullman, J., Jr. *m* Bridgeport
Pulman, O. S., So. *a* 162 F.
Purinton, C. O., 2 *m* 104 Lake pl.
Quackenbush, L. S., Jr. *s* 77 Wall st.
Quinn, J. F., 2 *m* 14 Anderson st.
Rall, H. F., Grad. *d* Berlin
Ramsden, C. T., *g* A.
Raney, A. J., Mid. *l* 1044 Chapel st.
Ransome, A. W., *g* 59 Grove st.
Rastall, E. S., Jr. *a* 159 F.
Ray, O., Jr. *a* 203 York st.
Ray, W. E., Sr. *m* 120 Kimberly av.
Ray, W. S., Sr. *a* 368 WH.
Raymond, F. A., *g* 196 Grove st.
Reagle, J. O., Jr. *d* 36 E. D.
Recknagel, H. S., Sr. *a* 389 B.
Reed, E. B., Tutor 351 WH.
Reed, J., Jr. *s* 110 Wall st.
Reeve, H. D., Sr. *a* 338 WH.
Reid, A. S., *g* 112 Olive st.
Reid, J., Jr. *a* 67 V.
Renshaw, F. W., Fr. *s* 387 Temple st.
Resor, S. B., Fr. *a* 404 B.
Reynolds, D., Fr. *a* 1076 Chapel st.
Reynolds, G. V., Fr. *a* 22 College st.
Reynolds, H. M., Prof. 38 V.
Reynolds, R. D., Sr. *s* 119 Wall st.
Rhodes, F. R., Jr. *a* 233 D.
Rhodes, G. B., Sr. *a* 233 D.
Rice, C. B., Ass't. 56 N. S. H.
Rice, D. P., Sr. *d* 30 E. D.
Rice, E. C., Fr. *a* 238 York st.
Rice, J. P., So. *a* 77 Elm st.
Richards, A. E., Sr. *a* 142 F.
Richards, A. N., *g* 62 Lake pl.
Richards, C. B., Prof. (111 WINCH.) 137 Edwards st.
Richards, E. L., Prof. (118 N.) 315 York st.
Richards, H., Fr. *s* 391 Temple st.
Richards, I., Fr. *s* 110 Wall st.
Richardson, A. H., Fr. *a* 415 B.
Richardson, E. G., *g* Wallingford
Richardson, F. E., Sr. *a* 242 Orchard st.
Richardson, O. H., Ass't. Prof. 384 Whitney av.
Richardson, R. K., Sr. *a* 259 L.
Richardson, R. R., Fr. *a* 250 York st.
Ricker, W. G., So. *a* 93 S. M.
Rider, C. A., Sr. *m* 78 Edgewood av.
Ridgway, J. E., Sr. *s* 332 Temple st.
Riggs, P. S., So. *a* 362 WH.
Riley, K. P., *f* Observatory pl.
Ripley, G. M., Sr. *a* 112 N.
Ripley, J. A., Sr. *a* 332 WH.
Rithet, J. A., Fr. *s* 53 Lake pl.
Robbins, E. D., Lecturer Hartford
Robbins, F. O., *g* 1040 Chapel st.
Robbins, H. C., Jr. *a* 258 L.
Roberts, H. N., Mid. *l* 73 Lake pl.
Roberts, W. S., Jr. *a* 98 N.
Robertson, F. M. C., Fr. *a* 27 Lynwood av.
Robertson, R. B., So. *a* 369 WH.
Robertson, T. M., Fr. *a* 549 P.
Robertson, W. H., *mus.* 10 Pearl st.

Robinson, C. P., So. *a* 9 Library st.
Robinson, E. B., Mid. *d* 103 W. D.
Robinson, E. L., *g* A.
Robinson, E. W., Jr. *a* Meriden
Robinson, H. C., Lecturer Hartford
Robinson, J. J., Instr. (9 Phelps) 43 Livingston st.
Robson, K., *g* 65 York sq.
Robson, L. W., Fr. *a* 231 York st.
Rockefeller, P. A., So. *a* 22 College st.
Rockwell, M. W., Sr. *a* 105 N.
Rodgers, J. O., Sr. *a* 341 WH.
Rodman, H. B., Sr. *s* 165 York st.
Roesler, E., Sr. *s* 133 Wall st.
Rogers, A. M., Sr. *s* 128 Wall st.
Rogers, C. E., Fr. *a* 177 F.
Rogers, D. F., Sr. *a* 256 L.
Rogers, E. D., *f* 67 Lafayette st.
Rogers, J. S., Sr. *a* 6 V.
Rogers, L. H., Jr. *a* 118 College st.
Rogers, R. E., Fr. *a* 116 College st.
Rood, W. H., Jr. *a* 1 TR.
Root, B. F., Jr. *d* Bridgeport
Root, E. C., So. *a* 581 P.
Root, R. K., Sr. *a* 119 College st.
Rosenberg, S. C., So. *a* 103 Bishop st.
Rosenfeld, A. H., So. *a* 1010 Chapel st.
Ross, H. W., 1 *m* 80 Webster st.
Ross, W. C., Fr. *s* 99 Wall st.
Rourke, G. W., Jr. *l* Meriden
Rowell, G. P., Grad. *l* 314 Crown st.
Rowland, H. C., Sr. *m* 1161 Chapel st.
Rowland, H. H., Sr. *a* 257 L.
Rowland, J. M., Fr. *s* 1161 Chapel st.
Rowland, W. E., Clerk (5 TR.) 212 Orchard st.
Rudd, M. D., So. *a* 233 York st.
Ruggles, B. R., Sr. *s* 131 Grove st.
Ruggles, F. A., Fr. *s* 411 Temple st.
Ruick, S. K., Sr. *a* 348 Crown st.
Rungee, E. J., Fr. *s* 5 Redfield st.
Rusher, J. D., Sr. *a* 387 B.
Russ, H. W., Fr. *s* 333 York st.
Russell, C. T., Mid. *l* 157 York st.
Russell, F. H., So. *a* 148 F.
Russell, R., So. *a* 1076 Chapel st.
Russell, Talcott H., Instr. (42 Church st.) 213 Wooster st.
Russell, Thomas H., Prof. 137 Elm st.
Russell, T. W., Fr. *a* 250 York st.
Rutherford, A. H., Spec. *s* 111 Grove st.
Ryan, F. R., Fr. *a* 182 Lloyd st.
Ryder, E. M. T., *g* 10 Park st.
Sage, F. L., Spec. *s* 39 Maple st.
Sage, W. P., Sr. *s* 88 Wall st.
St. John, S. B., Lecturer Hartford
Sakata, T., Grad. *d* 99 W. D.
Sanders, F. K., Prof. 77 Mansfield st.
Sanders, H. G., So. *a* 138 F.
Sanders, W. M., Jr. *s* 111 Grove st.
Sands, E. de N., Spec. *s* 133 College st.
Sanford, G. F., Grad. *l* 74 Whalley av.
Sanford, I. W., Sr. *s* 293 York st.
Sanford, L. C., Ass't. 216 Crown st.
Sanford, S. S., Prof. (38 College st.) Bridgeport
Sanford, W. S., So. *a* 407 B.
Sansone, N. M., 1 *m* 12 Lafayette st.
Sargent, C. E., *g* 187 Lawrence st.
Sarles, J. E., Sr. *d* 78 Lake pl.
Satterfield, J. M., Sr. *s* 117 Wall st.
Saulles, C. A. H. de, Jr. *s* 131 Grove st.
Saunders, C. R., Fr. *a* 233 York st.
Saunders, E. N., Jr. *s* 110 Wall st.
Savage, E. T., Fr. *s* 124 Wall st.
Sawyer, E., Sr. *a* 180 LYC.
Sawyer, S. W., Jr. *a* 283 W.
Saxon, W. A., Mid. *l* 37 Silver st.
Scarborough, H. S., Sr. *d* 88 W. D.
Schaeffer, G. L., *g* Oxford
Scheftel, H. A., Sr. *a* 292 W.
Schell, O. H., Fr. *s* 411 Temple st.
Schenck, P. D., Fr. *s* 391 Temple st.
Schley, C. B., Jr. *s* 86 Wall st.
Schneelock, R. H., 1 *m* 294 Elm st.
Schoyer, W. E., So. *a* 1076 Chapel st.
Schreiber, G. G., Sr. *a* 180 LYC.
Schulz, C. F. F., Fr. *a* 402 Crown st.
Schutte, L. H., Jr. *a* 289 George st.
Schwab, J. C., Ass't. Prof. 310 Prospect st.
Schweppe, R. J., So. *a* 1076 Chapel st.
Scofield, F. H., 1 *m.* Bridgeport
Scott, W. P., Fr, *a* 333 York st.
Scovill, H., Fr. *a* 226 York st.
Scranton, J. H., Sr. *a* 10 V.
Scranton, W., Sr. *a* 371 WH.
Scripture, E. W., Instr. (109 Elm st.) 681 Orange st.
Scudder, M., Jr. *a* 27 V.
Seabury, W. B., So. *a* 277 L.
Sears, D. L., Jr. *a* 403 B.
Sears, P. R., Jr. *s* 1044 Chapel st.
Seaver, J. W., Director (GYMN.) 25 Lynwood st.
Seeley, F. E., Jr. *s* 99 Wall st.

Segelbaum, H. A., Mid. *l* 159 Elm st.
Selin, W. E., Sr. *a* 128 N.
Sellew, G. T., *g* 66 Kensington st.
Sellew, R. C., Sr. *m* 305 George st.
Senger, W. C., So. *a* 93 S. M.
Serles, F. R., Fr. *a* 440 State st.
Setchell, H. E., *g* 212 English st.
Seward, H. F., Fr. *s* 132 Bristol st.
Seward, M. B., Spec. *s* W. Haven
Seydel, A. E., Spec. *m* 54 Franklin st.
Seymour, E. D., *f* 34 Hillhouse av.
Seymour, J. B., Jr. *a* 85 S. M.
Seymour, T. D., Prof. (22 Phelps) 34 Hillhouse av.
Seymour, W. E., So. *a* 221 D.
Shackford, M H., *g* 37 Howe st.
Shaffer, H., So. *a* 129 Howe st.
Shall, F. H., Sr. *a* 299 W.
Sharkey, H. R., Fr. *s* 150 College st.
Sharp, G. M., Lecturer Baltimore
Sharpe, W. F., Spec. *s* 22 College st.
Shattuck, C. W., Mid. *l* 137½ Congress av.
Shattuck, S. F., Jr. *s* 111 Grove st.
Shaw, F. M., Sr. *a* 18 V.
Shaw, H., Jr. *a* 420 B.
Shaw, H. P., Fr. *a* 125 High st.
Sheedy, G. F., Jr. *s* Bridgeport
Sheehan, F. W., Sr. *a* 338 WH.
Sheffield, J. E., *g* A.
Shelby, G. C., So. *a* 57 W. D.
Sheldon, G. P., So. *a* 240 D.
Sheldon, R., Sr. *s* 131 Grove st.
Shepard, H. H., Mid. *l* 159 Blatchley av.
Shepard, W. K., *g* 17 Whalley av.
Shepherd, G. M., So. *a*. 214 D.
Sheppard, J. M., Grad. *l* 295 York st.
Sheridan, S. S., *g* 519 Orange st.
Sherman, A. L., So. *a* 427 Temple st.
Sherman, C. P., Sr. *l* 38 Chestnut st.
Sherman, E. W., Mid. *l* 65 W. D.
Sherrill, W. H., So. *a* 162 F.
Sherwood, C. L., Sr. *s* 133 Wall st.
Sherwood, E. J., Sr. *s* 136 College st.
Sherwood, H. R., Mid. *l* 1044 Chapel st.
Sherwood, M., *g* 37 Howe st.
Sherwood, M. S., Sr. *m* 121 York st.
Shipman, H. R., Jr. *a* 564 P.
Shipman, N., Lecturer Hartford
Shippen, C. S., Jr. *a* 409 B.
Shirasu, C., *g* 438 Elm st.
Shirk, C. H., Sr. *d* 29 E. D.
Shoemaker, R. M., Fr. *s* 389 Temple st.
Shone, R. H., Sr. *a* 270 Orchard st.
Shoninger, L. S., Fr. *s* 385 Orange st.
Shroder, W. J., Sr. *a* 218 D.
Sikes, F. V., So. *a* 182 Mansfield st.
Sikes, Z. A., Sr. *s* 182 Mansfield st.
Sillcocks, H., Sr. *a* 349 WH.
Silverman, J. L., Fr. *a* 122 Howe st.
Simmons, F. E., Jr. *a* 159 F.
Simmons, F. H., Sr. *a* 374 WH.
Simmons, G. W., So. *a* 22 College st.
Simpson, E. C., Mid. *l* 138 Dwight st.
Siviter, A. B., Sr. *s* 141 College st.
Skidmore, L. P., *f* Bridgeport
Skiff, N. M., Fr. *a* 7 Library st.
Skinner, A. W., *f* Guilford
Skinner, E. N., Fr. *s* 159 Elm st.
Skinner, G. W., Mid. *l* 103 Wall st.
Slocovich, W. P., Sr. *s* 126 High st.
Smiley, E. P., Jr. *a* 245 L.
Smith, Albert C., Sr. *s* 150 Grove st.
Smith, Alfred C., Jr. *a* 388 B.
Smith, A. D., Sr. *a* 105 N.
Smith, B. C., Jr. *a* 422 B.
Smith, B. M., Fr. *s* 135 College st.
Smith, C. H., Prof. (243 L.) 284 Orange st.
Smith, C. L. P., Sr. *m* 450 Elm st.
Smith, D. S., So. *a* 7 Library st.
Smith, E. B., Sr. *a* 333 WH.
Smith, E. D., Jr. *m* 123 York st.
Smith, E. J., Fr. *s* North Haven
Smith, E. L., Jr. *l* 71 W. D.
Smith, E. S., Jr. *a* 422 B.
Smith, E. W., Fr. *a* 585 P.
Smith, G. Hall, Jr. *s* 43 College st,
Smith, G. Henry, Jr. *a* 247 L.
Smith, G. M., Fr. *a* 176 F.
Smith, G. V., Mid. *l* 1044 Chapel st.
Smith, H. A., Instr. 4 Mansfield st.
Smith, H. E., Prof. (25 Med. School) 430 George st.
Smith, H. K., Sr. *a* 335 WH.
Smith, H. P., So. *a* 155 F.
Smith, H. R., So. *a* 163 F.
Smith, J. R., Sr. *a* 203 D.
Smith, J. S., Libr'n. (Libr.) 257 St. Ronan st.
Smith, M. G., *f* North Haven
Smith, P. F., Ass't. Prof. 154 Humphrey st.
Smith, R. E., Jr. *s* 251 Crown st.
Smith, S. A., Jr. *a* 68 V.
Smith, S. B., *mus.* 273 Orchard st.

Smith, S. I., Prof. (78 B. L.) 147 Whalley av.
Smith, T. M., Sr. *a* 203 D.
Smith, W. B., Jr. *a* 68 V.
Smyth, F. R., Jr. *l* 261 Crown st.
Smyth, N. A., *g* 328 Temple st.
Sneath, E. H., Ass't. Prof. 390 Prospect st.
Snitjer, E. N., Fr. *s* 53 Lake pl.
Snyder, C. W., 2 *m* 1016 Chapel st.
Sonnenberg, L. M., Jr. *l* 696 State st.
Soulé, M. A., *f* 84 Wall st.
Spalding, C. G., Sr. *s* 9 High st.
Spalding, K., Fr. *a* 562 P.
Spalding, R. A., So. *a* 173 F.
Spalding, W. A., Demonstrator 9 High st.
Spaulding, R. C., Jr. *l* 589 P.
Speakman, F. L., Sr. *l* 91 Lake pl.
Spears, C. B., So. *a* 553 P.
Speer, A. M., Sr. *s* 131 Grove st.
Speer, H., So. *a* 361 WH.
Speidel, J. W., Fr. *s* 389 Temple st.
Spelman, W. C., Jr. *a* 92 S. M.
Spence, T. H., Jr. *a* 293 W.
Spence, W., Sr. *d* 50 E. D.
Spencer, C. S., *g* A.
Spencer, F. C., Ass't. 58 N. S. H.
Spencer, N. C., Sr. *s* 159 Elm st.
Spencer, R. S., Fr. *a* 1076 Chapel st.
Spencer, R. V., Fr. *a* 119 Wall st.
Sperry, F. N., Ass't. 76 Wooster st.
Spier, L. M., Fr. *a* 1076 Chapel st.
Spieske, E., *mus.* Hartford
Spitzer, C. B., Jr. *a* 25 V.
Spock, B. L., Grad, *l* 26 Howe st.
Spoford, J. A., Jr. *l* 67 Center st.
Spreyer, C. C., Mid. *l* 38 Elliott st.
Spring, S. N., Sr. *a* 107 N.
Stack, T., So. *a* 129 Howe st.
Stalter, E. G., Sr. *l* 527 P.
Stanley, W. E., Jr. *s* 1 Hillhouse av.
Starkweather, G. P., Instr. 344 Cedar st.
Starne, C. A., So. *a* 166 F.
Starr, C. C., Fr. *s* 407 Temple st.
Stearns, H. P., Lecturer Hartford
Stephanoff, C. D., Jr. *a* 266 York st.
Sterling, P., Fr. *s* 114 High st.
Stern, W. T., Jr. *a* 302 W.
Sterne, A., *g* 37 College st.
Stetson, C., So. *a* 280 L.
Stetson, P. R., 2 *m* Westville
Stevens, A. H., *g* A.
Stevens, E. M., *g* 109 Bristol st.
Stevens, E. W., Fr. *s* 59 Prospect st.
Stevens, F. W., 2 *m* 109 York st.
Stevens, G. B., Prof. (12 E. D.) 388 Whitney av.
Stevenson, R., So. *a* 22 College st.
Stewart, H. G., 1 *m* Bridgeport
Stewart, L. H., Sr. *m* 159 York st.
Stewart, W. K., Jr. *a* 386 B.
Stewart, W. P., Sr. *s* 130 Wall st.
Stickney, W. A., Fr. *a* 250 York st.
Stillman, G. S., Fr. *a* 231 York st.
Stimson, C. F., Sr. *d* Bridgeport
Stimson, G. P., Sr. *a* 167 F.
Stocker, F. R., Sr., *a* 210 D.
Stoddard, L. E., Jr. *a* 352 Temple st.
Stoddard, S., Jr. *a* 230 D.
Stoeckel, G. J., Prof. Norfolk
Stone, C. E., *g* A.
Stone, E., *f* 70 Howe st.
Stone, E. C., So. *a* 216 D.
Stone, L. T., Jr. *s* 1 Hillhouse av.
Stone, M. A., So. *a* 155 Elm st.
Stone, R. E., Sr. *s* 88 Wall st.
Stoner, G. J., Jr. *l* Hartford
Stookey, L. B., So. *a* 182 LYC.
Storrs, C. L., Jr. *d* 111 W. D.
Stoskopf, W. B., So. *a* 277 L.
Stout, H. L., Sr. *s* 96 Wall st.
Stowe, H. D., Fr. *s* 59 Grove st.
Straus, E. E., Fr. *a* 1044 Chapel st.
Street, N. A., Sr. *a* 47 V.
Street, W. B., Sr. *d* 84 W. D.
Streeter, E. C., Sr. *a* 378 WH.
Streit, G., 1 *m* S. Quinnipiac st.
Strobridge, W., Fr. *s* 141 College st.
Strong, E. A., Fr. *s* 104 Wall st.
Strong, F., Lect. 499 Winthrop av.
Strong, J. P., Clerk (5 TR.) 222 Sherman av.
Strong, P., Fr. *a* 579 P.
Strong, R. N., Jr. *a* 1142 Chapel st.
Strong, W. M., Tutor 307 W.
Strouse, L. H., Fr. *s* 143 St. John st.
Struby, F. W., Fr. *a* 170 York st.
Studinski, C. H., Jr. *l* 343 George st.
Studley, M. L., *mus.* 601 Elm st.
Sturges, W. K., Sr. *s* 111 Wall st.
Sullivan, C. E., So. *a* 568 P.
Sullivan, E., Sr. *l* 150 Franklin st.
Sullivan, R. B., Fr. *s* 110 Wall st.
Summerfield, G. C., Jr. *s* 96 Wall st.
Sumner, G., Jr. *l* 140 Edwards st.
Sumner, W. G., Prof. 140 Edwards st.
Suter, J., Res. Lic. *d* 19 Broad st.
Sutphin, S. B., Jr. *s* 332 Temple st.

Swain, H. L., Prof. 232 York st.
Swan, T. W., So. *a* 66 W. D.
Swartz, C. C., So. *a* 1044 Chapel st.
Sweeney, J. W., So. *a* 219 Whalley av.
Sweet, C. F., Jr. *a* 295 W.
Swenarton, W. H., Fr. *s* 413 Temple st.
Swift, C. R., Jr. *a* 246 D.
Swift, F. H., Fr. *s* 407 Temple st.
Swift, I. N., Sr. *a* 341 WH.
Sykes, W. H., Sr. *s* 96 Wall st.
Symes, J. F., Fr. *s* 311 York st.
Symonds, P., Jr. *l* 110 Wall st.
Taft, H., So. *a* 22 College st.
Taintor, C. M., Fr. *s* 110 Wall st.
Taintor, J. S., Fr. *a* 415 B.
Talmadge, W. H., Fr. *s* 407 Temple st.
Tarbell, H. A., 2 *m* 9 Cottage st.
Tatum, E. H., So. *a* 558 P.
Taylor, E. G., *g* Hartford
Taylor, H. F., Fr. *a* 56 Carmel st.
Taylor, I. G., *mus.* Saugatuck
Taylor, R. L., Instr. (117 N.) 67 Mansfield st.
Taylor, W. V., So. *a* 131 F.
Taylor, W. W., Fr. *s* 110 Wall st.
Teasdale, B. J., Jr. *l* 83 Elm st.
Teeter, C. H., Sr. *a* 41 E. D.
Tefft, E. T., Sr. *s* 22 College st.
Teller, H. B., Jr. *a* 166 York st.
Tennant, G. B., So. *a* 134 F.
Tenney, D. D., So. *a* 540 P.
Tenney, F. W., Sr. *a* 111 York st.
Terry, A. H., Sr. *a* 30 Hillhouse av.
Terry, C. T., Fr. *a* 84 Wall st.
Terry, D. W., *g* 88 Lake pl.
Terry, R., Sr. *a* 4 V.
Thacher, T., Lecturer N.Y. City
Thaw, W., Fr. *s* 248 York st.
Thayer, G. D., Grad. *l* Hartford
Theall, T. J., Mid. *l* 83 Elm st.
Thibault, L. J., 2 *m* 528 Chapel st.
Thomas, A., *mus.* 96 Sherman av.
Thomas, A. A., Fr. *a* 582 P.
Thomas, C. A., Fr. *a* 299 George st.
Thomas, D. O., So. *a* 92 W. D.
Thomas, E., Jr. *a* 217 D.
Thomas, I., *g* 89 Trumbull st.
Thomas, J. H., Fr. *a* 523 P.
Thomas, L. M., Fr. *a* 529 P.
Thomas, R. W., So. *a* 182 LYC.
Thomas, S. E., Jr. *s* 111 Grove st.
Thomas, W. S., Jr. *s* 136 College st.
Thompson, C. B., So. *a* 227 D.
Thompson, C. E., Jr. *a* 217 D.
Thompson, E. J., *mus.* 215 Crown st.
Thompson, E. N. S., So. *a* 127 N.
Thompson, E. P., Fr. *a* 56 Grove st.
Thompson, J. W., Grad. *l* 56 Grove st.
Thompson, L. H., Jr. *s* 103 Wall st.
Thompson, P., Fr. *a* 132 Howe st.
Thompson, W. H., Sr. *a* 127 N.
Thomson, J. L., Sr. *s* 119 Wall st.
Thomson, R. J., Grad. *l* Westport
Thorne, N. C., Fr. *a* 196 Grove st.
Thorpe, W. P., So. *a* 544 P.
Thrall, G. C., Sr. *s* 22 College st.
Thurston, L., Sr. *a* 260 L.
Tichborne, W. F. C., Sr. *s* 117 Wall st.
Tiffany, C. L., So. *a* 382 WH.
Tillitt, M. H., Fr. *a* 196 Grove st.
Tilson, J. Q., Steward 566 P.
Tinker, C. B., Jr. *a* 414 B.
Tobel, A. E. von, Jr. *m* 100 Dwight st.
Todd, E. J., Mid. *l* 488 State st.
Tolles, B. I., Fr. *a* 364 Orchard st.
Tomkins, H. H., Jr. *a* 67 V.
Tomlinson, J. C., Fr. *a* 250 York st.
Torrance, D., Instr. Birmingham
Torrey, W. J., Jr. *a* 240 D.
Townsend, J. M., Lecturer N. Y. City
Townsend, M. T., Jr. *s* 22 College st.
Townsend, W. K., Prof. 148 Grove st.
Townsend, W. T., Fr. *a* 314 W.
Townshend, H. H., Jr. *l* 234 Church st.
Townshend, R., Fr. *s* 234 Church st.
Tows, F. H., Sr. *a* 37 V.
Tracy, E. A., Jr. *a* 281 Crown st.
Tracy, J. C., Instr. (127 WINCH.) 55 Dwight pl.
Tracy, R. G., 2 *m* 216 Cedar st.
Tracy, W. E., So. *a* 46 College st.
Treadway, C. T., So. *a* 539 P.
Treadwell, L S., Jr. *s* 90 Wall st.
Treat, E. B., Sr. *a* 218 D.
Tredway, E. E., Fr. *a* 64 Lake pl.
Trinkaus, G. J., *mus.* Bridgeport
Tritch, B. F., Jr. *s* 111 Grove st.
Troostwyk, I., Instr. 11 Park st.
Troup, P., Fr. *s* 8 Trumbull st.
Trowbridge, E. Q., Jr. *a* 21 V.
Trowbridge, H. Q., Sr. *a* 21 V.
Truslow, E., Jr. *a* 284 W.
Tucker, W. J., Lect. Hanover
Tuckey, W. D., *g* Meriden
Turnbull, R. J., Sr. *a* 29 V.
Turney, L. F., Jr. *a* Derby

Tuttle, C. A., Lect'r. 129 Whalley av.
Tuttle, C. B., So. *a* 1142 Chapel st.
Tuttle, E. H., Fr. *a* 217 Mansfield st.
Tuttle, L., Fr. *a* 217 Mansfield st.
Twachtman, J. A., *f* 83 Grove st.
Tweedy, L., Jr. *a* 69 V.
Tweedy, R. L., So. *a* 554 P.
Twichell, B. P., Fr. *a* 586 P.
Twichell, D. C., Sr. *a* 79 S. M.
Twichell, R. C., So. *a* 22 College st.
Twining, K., Fr. *a* 536 P.
Tyler, C. H., Jr. *l* Hartford
Tyler, H. A., Sr. *m* 279 Crown st.
Tyler, M. F., Prof. (42 Church st.) 33 College st.
Tyler, R. P., Fr. *a* 32 College st.
Tyler, V. M., Sr. *a* 79 S. M.
Tyner, R. H., Grad. *l* 17 Livingston st.
Tytus, F. J., Sr. *s* 107 Wall st.
Ullman, J. B., Mid. *l* 195 Congress av.
Underhill, F. P., Fr. *s* Norwalk
Underwood, A. G., Fr. *s* 112 Howe st.
Upham, W. H., Fr. *s* Meriden
Upson, A. W., Mid. *l* Berlin
Upton, E. C., Jr. *a* 254 L.
Vaile, E. O., Fr. *a* 293 York st.
Vaile, W. N., Sr. *a* 104 N.
Valentine, W., Ass't. 162 S. L.
vanBeuren, F. T., Sr. *a* 8 V.
VanBuren, A. W., So. *a* 261 Orange st.
Vanderbilt, A. G., Jr. *a* 31 V.
Vanderbilt, C., *g* A.
Vandeveer, F. L., Jr. *l* 59 Wall st.
VanderVeer A., So. *a* 272 L.
VanDyke, L., So. *a* 1076 Chapel st.
VanEvery, H. F., Jr. *s* 96 Wall st.
VanEvery, L. H., Jr. *s* 96 Wall st.
Van Name, A., Libr'n. (Libr.) 121 High st.
VanName, R. G., Jr. *a* 350 WH.
VanName, T., *f* 121 High st.
VanName, W. G., Ass't. 121 High st.
VanVoast, R. A., Fr. *s* 37 College st.
VanVredenburgh, R. V., Fr. *s* 389 Temple st.
VanWicklen, F. M., Fr. *a* 552 P.
Vaughan, W. L., Sr. *a* 287 W.
Vaughn, L., *mus.* Bridgeport
Verdi, W. F., Ass't. 172 St. John st.
Verrill, A. E., Prof. (15 M.) 86 Whalley av.
Verrill, C. S., Jr. *s* 86 Whalley av.
Vick, H. G., Jr. *l* 62 Lake pl.
Vickery, C. V., *g* 215 East st.
Vietor, C. L., Fr. *s* 248 York st.
Vincent, F. D., Jr. *a* 64 W. D.
Vincent, W. G., 2 *m* 532 P.
Vito, M. J., *f* 25 Franklin st.
Vogeler, W. J., So. *a* 1076 Chapel st.
VonTobel, A. E., Jr. *m* 100 Dwight st.
Wadhams, D. T., Jr. *s* 126 High st.
Wadhams, J. P., Jr. *s* 22 Prince st.
Wadhams, N. S., 2 *m* 22 Prince st.
Wadsworth, J. T., Fr. *a* 64 High st.
Wadsworth, J. W., Sr. *a* 12 V.
Wagner, C. H., Jr. *a.* 146 F.
Wagner, H. G., Sr. *l* 40 Pearl st.
Wakamatsu, C., Spec. *s* 119 Park st.
Wakefield, G. L., Jr. *a* 152 F.
Walcott, D. L., Fr. *a* 102 Park st.
Walcott, P. C., So. *a* 87 S. M.
Walden, P. T., Instr. 162 S. L.
Walker, C. F., Ass't. (Kent Lab.) 1010 Chapel st.
Walker, C. H., Jr. *a* 266 L.
Walker, C. R., *g* 83 Grove st.
Walker, Elisha, So. *a* 357 WH.
Walker, Ernest, Sr. *a* 357 WH.
Walker, E. M., Fr. *s* 162 York st.
Walker, J. T., Jr. *s* 133 College st.
Walker, W., Jr. *s* 79 Wall st.
Wallace, G. Y., Sr. *a* 52 V.
Wallace, H. B., Jr. *a* 330 W.
Wallace, H. S., Fr. *a* 120 York st.
Wallace, M. L., *g* Derby
Wallace, R., *mus.* Ansonia
Wallace, W. G., Jr. *a* 64 W. D.
Wallace, W. W., *g* 19 E. D.
Waller, E. C., Jr. *s* 99 Wall st.
Wallin, J. E. W., *g* 182 Mansfield st.
Walsh, J. A., Sr. *a* 81 S. M.
Walsh, J. W., Sr. *a* 337 WH.
Walsh, R. W., Fr. *a* 323 W.
Walton, H. O., Fr. *s* 79 Lake pl.
Walton, J. M., Jr. *s* 133 College st.
Walton, L. F., Fr. *a* 53 Lake pl.
Walworth, G. C., So. *a* 73 S. M.
Ward, A. G., Sr. *a* 74 S. M.
Ward, C. H., *g* 61 W. D.
Ward, E. P., So. *a* 132 F.
Ward, G. L., Jr. *a* 152 F.
Ward, H. E., Fr. *a* 120 York st.
Warden, C, A., Jr. *s* 133 College st.
Ware, L., *g* 22 Trumbull st.
Warner, E. G., 1 *m* Hamden
Warner, E. J., Jr. *a* 27 V.

Warner, H. B., Jr. *a* 91 S. M.
Warnock, J. D., *g* Cheshire
Warren, A., Jr. *a* 50 V.
Warren, C. H., Ass't. 48 N. S. H.
Warren, C. M., Sr. *a* 74 S. M.
Warren, F. H., Jr. *s* 43 College st.
Warren, F. P., Jr. *s* 150 College st.
Warren, G. E., Sr. *a* 108 N.
Warren, N. W., Jr. *s* 128 High st.
Warren, U. G., *g* 41 E. D.
Warren, W. H., Fr. *a* 9 Library st.
Warren, W. O., Jr. *s* 103 Wall st.
Waterman, C. B., Fr. *a* 221 York st.
Waters, B., Mid. *d* 78 W. D.
Watkins, A. C., Jr. *d* 112 W. D.
Watrous, E., Jr. *a* 356 WH.
Watrous, G. D., Prof.
(153 Church st.) 261 Bradley st.
Watson, A. B., Sr. *s* 110 Wall st.
Watson, D. B., Jr. *s* 92 Dwight st.
Watson, H. G., Sr. *m* 305 George st.
Watson, T., So. *a* 9 Library st.
Watterson, J. S., Fr. *s* 397 Temple st.
Watterson, M. A., Jr. *a* 43 V.
Wattles, W. P., Fr. *a* 577 P.
Watts, J. M., Fr. *s* 135 College st.
Way, A. F., Jr. *a* 355 WH.
Wayland, F., Dean
(11 Law School) 175 Whitney av.
Wear, J. H., Fr. *a* 22 College st.
Wear, J. W., Jr. *a* 24 V.
Weaver, C. E., Jr. *s* 65 Spring st.
Webb, A. M., Fr. *a* 409 Temple st.
Webb, J. H., Instr. 42 Church st.
Webster, F., Jr. *a* 91 S. M.
Webster, H. A., Fr. *s* 407 Temple st.
Weeks, C. E., So. *a* 169 F.
Weeks, H. T., Fr. *a* 248 York st.
Weichert, R. F., So. *a* 119 Park st.
Weir, E. D., *f* 58 Trumbull st.
Weir, J. F., Prof.
(9 Art School) 58 Trumbull st.
Weiss, W. H., So. *a* 157 F.
Welch, G. A., Fr. *a* 217 York st.
Welch, P. N., Sr. *a* 321 W.
Welles, C. H., Jr. *a* 240 D.
Welles, C. Y., Jr. *s* 128 High st.
Welles, J., Sr. *a* 80 S. M.
Wellman, G., Jr. *a* 318 W.
Wells, C. W., Instr. (15 WH.) 355 Willow st.
Wells, H. H., So. *a* 407 B.
Wells, H. L., Prof. (151 S. L.) 57 Trumbull st.
Wells, P. P., Libr.
(32 Law School) 72 Mansfield st.
Wells, R. O., Fr. *a* 94 S. M.
Werner, F. M., Sr. *a* 423 Temple st.
Wescott, H. D., Fr. *a* 279 Crown st.
West, W. H., Jr. *a* 65 V.
Westcott, A. G., *mus.* Hartford
Westfall, W. D. A., Fr. *a* 7 Library st.
Westlund, J., Instr. 218 Mansfield st.
Weston, F. W., Jr. *a* 290 W.
Weston, H. T., Sr. *s* 99 Wall st.
Wetmore, A. H., *f* Winsted
Weyer, E. M., *g* 90 High st.
Whaling, T. G., Fr. *s* 387 Temple st.
Whaples, H. H., Fr. *a* 585 P.
Wheat, B., *f* 91 Norton st.
Wheeler, A. L., Tutor 81 Cottage st.
Wheeler, A. M., Prof. (207 D.) 86 Trumbull st.
Wheeler, A. S., Instr. Tremont House
Wheeler, F. M., Fr. *a* 282 L.
Wheeler, H. L., Instr. 162 S. L.
Wheeler, J. E., Fr. *s* 419 Temple st.
Wheeler, L. P., Ass't. 2 Hillhouse av.
Wheeler, W. M., Jr. *a* 239 D.
Whipple, G. H., So. *a* 138 F.
Whitaker, E. D., Sr. *a* 343 WH.
Whitcomb, W. A., *g* A.
White, A. B., Ass't. 105 Dwight st.
White, C. L., *g* 83 Grove st.
White, C. T., Fr. *a* 137 Wall st.
White, G. B., Fr. *s* 333 York st.
White, G. L., Fr. *a* 121 York st.
White, M. C., Prof. 214 Crown st.
White, O. W., Fr. *a* 287 York st.
White, R. S., Jr. *a* 64 V.
White, W. H., Fr. *s* 110 Wall st.
Whitehouse, W. F., Jr. *a* 31 V.
Whitin, P., Sr. *a* 13 V.
Whitley, J. E., Jr. *d* 47 E. D.
Whitman, C. H., *g* 66 Sherland av.
Whitney, M. P., *g* Paris
Whitney, P., Sr. *a* 30 V.
Whitney, S. T., *mus.* 800 Whitney av.
Whittaker, S. M., *f* Wallingford
Whittelsey, M. E., *f* 367 Prospect st.
Whittelsey, S. S., *g* 367 Prospect st.
Whittemore, E. R., Sr. *a* 343 WH.
Whittemore, E. W., Sr. *a* 339 WH.
Whittlesey, G. N., So. *a* 135 Wall st.
Wiard, O. M., Fr. *a* 53 Lake pl.
Wickes, F., Sr. *a* 29 V.
Wickes, H. P., So. *a* 326 W.
Wilbur, H. P., Jr. *l* 109 Wall st.
Wilcox, C. S., *mus.* Morris Cove

Wilcox, H. B., Sr. *a* 342 WH.
Wilcox, H. W., Sr. *a* 23 V.
Wilcox, R. N., Jr. *s* 103 Wall st.
Wilder, A. A., Registrar (11 Law School) 343 George st.
Williams, A. B., Sr. *a* Dwight Hall
Williams, A. C., Sr. *a* 142 F.
Williams, A. S., Fr. *a* 282 Prospect st.
Williams, F. W., Instr. 135 Whitney av.
Williams, H. G., So. *a* 149 F.
Williams, H. S., Prof. (6 M.) 282 Prospect st.
Williams, J. B., 1 *m* Bridgeport
Williams, J. G., 2 *m* 109 York st.
Williams, L. M., Sr. *a* 2 V.
Williams, M. J., *mus.* 33 Wall st.
Williams, W. B., So. *a* 22 College st.
Williams, W. K., So. *a* 80 Broadway
Williamson, F. E., Sr. *a* 41 V.
Wilson, B., Fr. *a* 250 York st.
Wilson, C. H., So. *a* 406 B.
Wilson, E. B., Fr. *a* 94 York sq.
Wilson, H. M., Sr. *a* 268 L.
Wilson, I. N. W., Jr. *a* 158 F.
Wilson, J. E., Jr. *a* 45 V.
Wilson, O. T., Sr. *a* 334 WH.
Wilson, R. B., Fr. *a* 242 York st.
Wilson, R. R., Jr. *a* 291 W.
Wilson, W. L., Lecturer Lexington
Winter, K., So. *a* 166 F.
Winterbotham, J., Fr. *s* 387 Temple st.
Winters, F. H., So. *a* 553 P.
Winthrop, H. R., Sr. *a* 33 V.
Wisdom, G. P., Sr. *s* 299 York st.
Witman, H. M., Sr. *d* 82 W. D.
Witter, O. R., 1 *m* 159 York st.
Wolcott, J. D., *g* 22 Ashmun st.
Wolf, S., Jr. *s* 470 Elm st.
Wolodarsky, A., Fr. *s* 167 Kimberly av.
Wolodarsky, M., *g* 167 Kimberly av.
Wood, A. B., 1 *m* 279 Crown st.
Wood, C., Sr. *s* 107 Wall st.
Wood, C. D., Fr. *s* 333 York st.
Wood, H. P., So. *a* 569 P.
Wood, S. M., So. *a* 272 L.
Woodbridge, S. E., *g* 132 College st.
Woodruff, C. H., Fr. *s* 333 York st.
Woodruff, E. S., Jr. *a* 397 B.
Woodruff, J. K., *f* Bridgeport
Woodruff, R. J., Mid. *l* Orange
Woodworth, A. V., Jr. *d* 26 E. D.
Woody, H. H., *g* 1157 Chapel st.
Woolfolk, W. G., Jr. *s* 96 Wall st.
Woolsey, C. B., Fr. *a* 231 York st.
Woolsey, J. M., Sr. *a* 78 S. M.
Woolsey, T. S., Prof. 227 Church st.
Woolsey, T. S., Fr. *a* 227 Church st.
Woolston, H. B., Sr. *a* 305 George st.
Worrall, W. L., Sr. *s* 88 Wall st.
Wray, C. S., Jr. *s* 59 Wall st.
Wright, A. L., *g* 128 York st.
Wright, Alfred P., Fr. *a* 128 York st.
Wright, Arthur P., Fr. *a* 360 WH.
Wright, A. W., Prof. (Sloane Lab.) 73 York sq.
Wright, B. M., Grad. *d* Orange
Wright, H. B., Sr. *a* 339 WH.
Wright, H. P., Prof. (135 Elm st.) 128 York st.
Wright, S. S., *f* 73 York sq.
Wright, T., Jr. *a* 391 B.
Wright, W. H., 2 *m* 1016 Chapel st.
Wurts, J., Prof. 9 Trumbull st.
Wurts, J. C., Fr. *s* 9 Trumbull st.
Wyckoff, C. S., *g* 276 Elm st.
Wyckoff, H. J., Sr. *d* 89 Pearl st.
Wyler, J. S., Fr. *a* 525 P.
Wylie, J. N. M., Fr. *a* 261 Crown st.
Yacobian, S. B., Sr. *d* 92 Webster st.
Yaggy, A. F., Fr. *a* 226 York st.
Yaggy, E. E., Jr. *a* 25 V.
Yamada, T., Mid. *l* 20 Whalley av.
Yamaguchi, S., *g* 114 W. D.
Yamaguchi, Y., *g* 351 Washington st.
Yates, W. N., Jr. *s* 266 York st.
Yergason, H. B. B., Jr. *a* 391 B.
York, B. L., Mid. *d* 131 Dixwell av.
Young, A. J., Fr. *a* 314 W.
Young, G. L., Fr. *a* 1076 Chapel st.
Young, H. M., Jr. *a* 251 L.
Young, L. M., *mus.* 131 High st.
Young, T. P., Jr. *a* 251 L.
Yung, M. B., Sr. *s* 119 Wall st.
Zahm, G., Jr. *l* 276 Elm st.
Zellars, E. G., Mid. *d* 98 W. D.
Zeller, A. R., *f* Bridgeport
Zellhoefer, H. C., So. *a* 22 College st.
Zimmerman, C. H., *g* 83 Grove st.